



FACULTY OF ENGINEERING

ANNUAL REPORT

2011

CONTENTS

DEAN MESSAGE	3
VISION & MISSION	5
1.0 SUPPORT STAFF 2011	6
1.1 MANAGEMENT & ADMINISTRATIVE STAFF LIST	6
1.1.1 Statistic of Management Staff.....	6
1.1.2 List of Management Staff	6
1.2 ACADEMIC STAFF LIST	7
1.2.1 Department of Civil Engineering	7
1.2.2 Department of Electronic Engineering (Telecommunication Programme)	8
1.2.3 Department of Electronic Engineering (Computer Programme)	9
1.2.4 Department of Mechanical & Manufacturing Engineering	10
1.2.5 Department of Chemical Engineering & Energy Sustainability	10
1.2.6 Full Record of Academic Staff	11
1.3 PROFESSIONAL & ADMINISTRATIVE OFFICER, SUPPORT & TECHNICAL STAFF (NONE ACADEMIC)	12
1.3.1 Professional & Administrative Officer.....	12
1.3.2 List of Professional & Administrative Officer	12
1.3.3 Administrative Support Staff.....	12
1.3.4 List of Administrative Support Staff	13
1.3.5 Technical Staff.....	13
1.3.6 List of Technical Staff.....	14
1.4 NEW APPOINTMENT, NEW RECRUITMENT, PROMOTED, RETIRED / RESIGN..	15
1.4.1 New Appointment	16
1.4.2 Promoted.....	16
1.4.3 New Recruitment	16
1.4.4 Retired / Resign	18
1.5 STAFF ON STUDY LEAVE / SABBATICAL / ON LEAVE WITHOUT SALARY / SECONDMENT	18
1.5.1 Secondment	18
1.5.2 On Study Leave	18
1.6 STAFF REPORT DUTY AFTER STUDY LEAVE	18
2.0 NETWORKING	19
3.0 STUDENT ENROLMENT.....	20
3.1 UNDERGRADUATE	20
3.1.1 Enrolment.....	20
3.1.2 Undergraduate by Year	20

4.0	PROGRAMMES OFFERED	21
4.1	PROGRAMMES OFFERED	21
4.2	ACCREDITATION CERTIFICATES.....	22
4.2.1	Bachelor of Engineering with Honours (Civil Engineering)	22
4.2.2	Bachelor of Engineering with Honours (Electronic & Telecommunication Engineering). 23	
4.2.3	Bachelor of Engineering with Honours (Electronic & Computer Engineering).....	24
4.2.4	Bachelor of Engineering with Honours (Mechanical & Manufacturing Engineering).....	25
5.0	LIST OF BEST STUDENT IN 2011 CONVOCATION	26
5.1	ANUGERAH DIRAJA	26
5.2	ANUGERAH KHAS SENAT	26
6.0	POSTGRADUATE	28-34
7.0	CONFERENCE / SEMINAR PRESENTED BY LECTURER.....	34
7.1	LIST OF LOCAL CONFERENCE / SEMINAR PRESENTED BY LECTURER.....	34-39
7.2	LIST OF INTERNATIONAL CONFERENCE / SEMINAR PRESENTED BY LECTURER.	38-40
8.0	PUBLICATIONS.....	40
8.1	JOURNALS	40-44
8.2	PUBLICATION AND AWARD BY STAFF STUDY ABROAD	43
8.2.1	Journal.....	43
8.2.2	Peer Review / Proceedings.....	43-46
8.2.3	Award & Recognition	45-48
9.0	LIST OF RESEARCH ACTIVITIES	48-52
10.0	LIST OF ACADEMIC ACTIVITIES.....	53-56
11.0	STUDENT'S ACTIVITIES	57-58
11.1	Competiton's and Award's	59-60
11.2	Competiton's and Award's Certificate	61-64
12.0	LIST OF ACADEMIC STAFF & Qualifications.....	64-74
13.0	FACULTY PERFORMANCE 2011	75-76
14.0	ORGANIZATION CHART.....	76
14.1	FACULTY OF ENGINEERING.....	77
14.2	DEPARTMENT OF CIVIL ENGINEERING	78
14.3	DEPARTMENT OF ELECTRONIC ENGINEERING.....	79
14.4	DEPARTMENT OF MECHANICAL & MANUFACTURING ENGINEERING.....	79
14.5	DEPARTMENT OF CHEMICAL ENGINEERING & ENERGY SUSTAINABILITY	81
14.6	UNITS ORGANIZATION CHART.....	81-85
15.0	FINANCIAL REPORT	85

DEAN'S MESSAGE

For the year 2011, the staffs and students of the Faculty of Engineering were actively involved in several teaching and research activities. As of 2011, there were five academic programmes being offered and the total number of students enrolled is 1216. Four of the programmes are accredited by the Board of Engineers Malaysia for the graduation year until 2013, whereas the Chemical Engineering Programme is expected to be accredited once the accreditation documents is submitted to the Engineering Accreditation Council (EAC) sometime this year. As in the previous years, all of the programmes were undergoing continuous quality improvements to ensure the learning objectives of the programmes are achieved. Besides offering the undergraduate programme, the Faculty of Engineering is also offering postgraduate studies by research and also by course work. The Department of Civil Engineering has offered the Master of Engineering (Civil) by coursework which has been accredited by MQA.

The year 2011 has seen several graduates successfully completing their Masters of Engineering (Civil) via coursework and they had received their academic scroll during the Unimas's graduation commencement ceremony in October 2011. Overall, there are about 92 postgraduates students currently pursuing their masters and PhD studies. The Faculty of Engineering also successfully organizing several students' activities in the year 2011 in order to give exposure to the participants about soft-skills attributes. One Faculty of Engineering student received Anugerah Diraja whereas three other Faculty Engineering Students' received Anugerah Senat. The faculty of Engineering also successfully collaborates with international university and local industries specializing in Engineering. Memorandums of Understanding were signed with Shibaura Institute of Technology, Japan, EPC Synergy Sdn Bhd, and ETI Tech (M) Sdn Bhd and Green Electric Sdn Bhd.

VISION & MISSION

VISION OF THE FACULTY

To excel in providing quality engineering programmes through a dynamic and innovative education system, specialising in its niche research areas for the benefits of the nation.

MISSION OF THE FACULTY

To provide innovative and systematic engineering education and produce ethical engineers with good technical and interpersonal skills through dedication and commitment of faculty members renowned in their respective niche areas with excellent networking and thus addressing the inspirations of stakeholders.

QUALITY POLICY

Faculty of Engineering is committed to become the preferred faculty chosen by prospective students and to produce excellent and quality graduates by providing outstanding teaching services through the recruiting of quality and qualified lecturers.

QUALITY OBJECTIVES

- Ensure that the implementation of teaching plan is 100% achieved.
- Ensure adequate resources to facilitate the implementation of teaching, learning and assessment activities.
- Ensure sufficient and qualified lecturers.
- Ensure that customer satisfaction is 100% achieved.

1 SUPPORT STAFF 2011

1.1 MANAGEMENT & ADMINISTRATIVE STAFF LIST

1.1.1 Statistic of Management Staff

Designation	Total
Dean	1
Deputy Dean	2
Head of Department	4
Administratif & Professional Officer	5
TOTAL	12

1.1.2 List of Management Staff

Name	Designation
Professor Dr. Wan Hashim Bin Wan Ibrahim	Dean
Associate Professor Dr. Al-Khalid Bin Hj Othman	Deputy Dean (Undergraduate & Student Development)
Dr Hushairi Zen	Deputy Dean (Postgraduate & Research)
Rosmina Ahmad Bustami	Head of Department Department of Civil Engineering (JKS)
Dr Wan Azlan Wan Zainal Abidin	Head of Department Department of Electronic Engineering (JKE)
Dr Abdullah Yassin	Head of Department Department of Mechanical & Manufacturing Engineering (JKMP)
Dr Rubiyah Binti Baini	Head of Department Department of Chemical Engineering & Energy Sustainability (JKK)
Hadijah Hj Morni	Senior Assistant Registrar
Muhammad Azhan B. Abdullah	Assistant Registrar
Ismawati Binti Razali	Information Technology Officer
Raja Mohd Raffel Zulkifli	Science Officer
Norzilawatil Azwa binti Mohamad	Science Officer

1.2 ACADEMIC STAFF LIST

1.2.1 Department of Civil Engineering

No.	Name	Designation
1.	Professor Dr Wan Hashim Wan Ibrahim	Professor / Dean
2.	Professor Ir. Dr Law Puong Ling	Professor
3.	Professor Dr F.J. Putuhena	Professor
4.	Professor Dr Ng Chee Khoon	Professor
5.	Professor Dr Shenbaga Rajaratnam Kaniraj Jeyachandran	Professor
6.	Associate Professor Dr Mohammad Ibrahim Safawi Mohd Zain	Associate Professor
7.	Associate Professor Dr Azhaili Baharun	Associate Professor
8.	Dr Siti Noor Linda Taib	Senior Lecturer
9.	Dr Delsye Teo Ching Lee	Senior Lecturer
10.	Dr Onni Suhaiza Selaman	Senior Lecturer
11.	Dr Siti Halipah Ibrahim	Senior Lecturer
12.	Abdul Razak Abdul Karim	Senior Lecturer
13.	Norazzlina M. Sa'don	Senior Lecturer
14.	Ir. Ting Sim Nee	Senior Lecturer
15.	Rosmina Ahmad Bustami	Lecturer / Head of Department
16.	Abd Azim Abdullah	Lecturer
17.	Ahmad Kamal Abdul Aziz	Lecturer
18.	Azida Rashidi	Lecturer
19.	Dygku Salma Awg Ismail	Lecturer
20.	Gaddafi Ismaili	Lecturer
21.	Larry Silas Tirau	Lecturer
22.	Nor Azalina Rosli	Lecturer
23.	Norazlina Bateni	Lecturer
24.	Norsuzailina Mohamed Sutan	Lecturer
25.	Ron Aldrino Chan @ Ron Buking	Lecturer
26.	Rohaida Affandi	Lecturer

No.	Name	Designation
27.	Dr Leonard Lim Lik Pueh	Lecturer
28.	Dr Darrien Mah Yau Seng	Lecturer
29.	<i>Charles Bong Hin Joo</i>	Lecturer (On Study Leave)
30.	<i>Jethro Henry Adam</i>	Lecturer (On Study Leave)
31.	<i>Idawati Ismail</i>	Lecturer (On Study Leave)
32.	<i>Mohamad Raduan Kabit</i>	Lecturer (On Study Leave)
33.	<i>Zamri Bujang</i>	Lecturer (On Study Leave)
34.	<i>Fauzan Sahdi</i>	Tutor (On Study Leave)
35.	<i>Raudhah Ahmadi</i>	Tutor (On Study Leave)

1.2.2 Department of Electronic Engineering (Telecommunication Programme)

No	Name	Designation
1.	Associate Professor Dr Al-Khalid Hj Othman	Associate Professor
2.	Dr Wan Azlan Wan Zainal Abidin	Senior Lecturer / Head of Department
3.	Dr Thelaha Masri	Senior Lecturer
4.	Dr Hushairi Zen	Senior Lecturer
5.	Dr Kismet Hong Ping	Senior Lecturer
6.	Sakena Abdul Jabar	Senior Lecturer
7.	Kasumawati Lias	Lecturer
8.	Mohd Faizrizwan Mohd Sabri	Lecturer
9.	Ng Liang Yew	Lecturer
10.	Nurdiani Zamhari	Lecturer
11.	Sharifah Masniah Wan Masra	Lecturer
12.	Ir. David Bong Boon Liang	Lecturer
13.	Ade Syaheda Wani Marzuki	Lecturer
14.	Hazrul Mohamed Basri	Lecturer
15.	Martin Anyi	Lecturer
16.	Ngu Sze Song	Lecturer

No	Name	Designation
17.	Norhuzaimin July	Senior Lecturer (On Study Leave)
18.	Dayang Azra Awang Mat	Lecturer (On Study Leave)
19.	Rohana Sapawi	Lecturer (On Study Leave)
20.	Dyg Nur Salmi Dharmiza Awg Salleh	Tutor (On Study Leave)
21.	Hazmi Hijazi Abdul Halim	Tutor (On Study Leave)
22.	Abdul Hafiz Abdul Karim	Tutor (On Study Leave)
23.	Azfar Satari Abdullah	Tutor (On Study Leave)

1.2.3 Department of Electronic Engineering (Computer Programme)

No	Name	Designation
1.	Dr Mohd Saufee Muhammad	Senior Lecturer
2.	Dr Tay Kai Meng	Senior Lecturer
3.	Dr Nordiana Rajae	Senior Lecturer
4.	Maimun Huja Husin	Lecturer
5.	Asrani Lit	Lecturer
6.	Shafrida Sahrani	Lecturer (On Study Leave)
7.	Shamsiah Suhaili	Lecturer (On Study Leave)
8.	Annie Joseph	Lecturer (On Study Leave)
9.	Kuryati Kipli	Lecturer (On Study Leave)
10.	Siti Kudnie Sahari	Lecturer (On Study Leave)
11.	Tengku Mohd Afendi Zulcaffle	Lecturer (On Study Leave)
12.	Kho Lee Chin	Lecturer (On Study Leave)

1.2.4 Department of Mechanical & Manufacturing Engineering

No	Name	Designation
1.	Professor Dr Amir Azam Khan	Professor
2.	Professor Dr Sinin bin Hamdan	Professor
3.	Associate Professor Ir. Dr Andrew Ragai Henry Rigit	Associate Professor
4.	Associate Professor Dr M. Shahidul Islam	Associate Professor
5.	Ir. Dr Mohammad Shahril Osman	Senior Lecturer
6.	Dr Abu Saleh Ahmed	Senior Lecturer
7.	Dr Abdullah Yassin	Senior Lecturer / Head of Department
8.	Dr Magdalene Andrew Munot	Senior Lecturer
9.	Dr Syed Tarmizi Syed Shazali	Senior Lecturer
10.	Ervina Junaidi	Senior Lecturer
11.	Dr Mohd Danial Ibrahim	Senior Lecturer
12.	Abang Mohd Nizam Abang Kamaruddin	Lecturer
13.	Mohamad Iskandar Jobli	Lecturer
14.	Noor Hisyam Noor Mohamed	Lecturer
15.	Shirley Johnathan Tanjong	Lecturer
16.	Siti Nor Ain Musa	Lecturer
17.	Nicholas Kuan Hoo Tien	Tutor
18.	Annisa Jamali	Tutor
19.	<i>Shahrol Mohamaddan</i>	<i>Lecturer (On Study Leave)</i>
20.	<i>Rasli Muslimen</i>	<i>Lecturer (On Study Leave)</i>
21.	<i>Ana Sakura Zainal Abidin</i>	<i>Lecturer (On Study Leave)</i>
22.	<i>Marini Sawawi</i>	<i>Lecturer (On Study Leave)</i>
23.	<i>Nur Tahirah Razali</i>	<i>Lecturer (On Study Leave)</i>
24.	<i>Mahshuri Yusof</i>	<i>Lecturer (On Study Leave)</i>
25.	<i>Aidil Azli Alias</i>	<i>Lecturer (On Study Leave)</i>
26.	<i>Hishammudin Afifi Huspi</i>	<i>Tutor (On Study Leave)</i>

No	Name	Designation
27.	<i>Mohd Azrin Mohd Said</i>	<i>Tutor (On Study Leave)</i>
28.	<i>Mohd Fareez Edzuan Abdullah</i>	<i>Tutor (On Study Leave)</i>
29.	<i>Ahmad Adzlan Fadzli Khairi</i>	<i>Tutor (On Study Leave)</i>
30.	<i>Mohd Syahmi Jamaludin</i>	<i>Tutor (On Study Leave)</i>
31.	<i>Muhamad Fadzli Ashari</i>	<i>(Tutor (On Study Leave)</i>
32.	<i>Noor Aliah Abdul Majid</i>	<i>(Tutor (On Study Leave)</i>
33.	<i>Abg Mohd Aizuddin bin Abg Mohd Mohtar</i>	<i>Tutor (On Study Leave)</i>

1.2.5 Department of Chemical Engineering & Energy Sustainability

No	Name	Designation
1.	Associate Professor Dr Mohammad Omar Abdullah @ Mak Khoon Ling	Associate Professor
2.	Dr Rubiyah Baini	Senior Lecturer / Head of Department
3.	Dr. Ivy Tan Ai Wei	Senior Lecturer
4.	Dr Lim Soh Fong	Lecturer
5.	Dr Khairuddin Sanaullah	Lecturer
6.	Shanti Faridah Salleh	Lecturer
7.	Norfamila Che Mat	Lecturer
8.	Nazeri Abdul Rahman	Lecturer
9.	Mohd Farid bin Atan	Lecturer
10.	Dr Md Rezaur Rahman	Lecturer
11.	Nur Syuhada binti Ahmad Zauzi	Tutor
12.	Ibrahim bin Yakub	Tutor
13.	<i>Mohamed Afizal bin Mohamed Amin</i>	<i>Tutor (On Study Leave)</i>
14.	<i>Khairul Anwar bin Mohd Said</i>	<i>Tutor (On Study Leave)</i>

1.2.6 Full Record of Academic Staff

Designation	Total
<i>Department of Civil Engineering</i>	
Lecturer	28
On Study Leave – PhD	5
Total	33
Tutor	-
On Study Leave – Master	2
Total	2
TOTAL	35
<i>Department of Electronic Engineering</i>	
Lecturer	21
On Study Leave – PhD	10
Total	31
Tutor	-
On Study Leave – Master	4
Total	4
TOTAL	35
<i>Department of Mechanical & Manufacturing Engineering</i>	
Lecturer	16
On Study Leave – PhD	7
Total	23
Tutor	2
On Study Leave – Master	8
Total	10
TOTAL	33
<i>Department of Mechanical Chemical Engineering & Energy Sustainability</i>	
Lecturer	10
On Study Leave – PhD	-
Total	10
Tutor	2
On Study Leave – Master	2
Total	4
TOTAL	14
TOTAL	117

1.3 PROFESSIONAL & ADMINISTRATIVE OFFICER, SUPPORT & TECHNICAL STAFF (NONE ACADEMIC)

1.3.1 Professional & Administrative Officer

Designation	Total
Senior Assistant Registrar N44	1
Assistant Registrar N41	1
Information Technology Officer F41	1
Science Officer C41	2
TOTAL	5 Person

1.3.2 List of Professional & Administrative Officer

No	Name	Designation
1.	Hadijah bt. Hj Morni	Senior Assistant Registrar
2.	Muhammad Azhan B. Abdullah	Assistant Registrar
3.	Ismawati Razali	Information Technology Officer
4.	Raja Mohd Raffel Zulkifli	Science Officer
5.	Norzilawatil Azwa binti Mohamad	Science Officer

1.3.3 Administrative Support Staff

Designation	Total
Assistant Administrative Officer N27	1
Assistant Accountant Officer W27	1
Personal Assistant N27	3
Senior Administrative Staff N22	2
Administrative Staff N17	7
Assistant Accountant W17	2
General Staff N1	1
TOTAL	17 Person

1.3.4 List of Administrative Support Staff

No	Name	Designation
1.	Siti Kasmi bt. Iskandar	Assistant Administrative Officer
2.	Norhayati Rosli	Assistant Accountant
3.	Norashikin Abdul Rahman	Dean's Personal Assistant
4.	Noorhaneyza Suhardi Ali Kechik	Deputy Dean's Personal Assistant
5.	Norfarizan Johar	Deputy Dean's Personal Assistant
6.	Rahana Sharkawi	Senior Administrative Staff (Clerical/Operation)
7.	Siti Rogayah Taibi	Senior Administrative Staff (Clerical/Operation)
8.	Rohaida Mohamad	Administrative Staff (Clerical/Operation)
9.	Djennifer ak Franklin	Administrative Staff (Clerical/Operation)
10.	Laura Manggi	Administrative Staff (Clerical/Operation)
11.	Edward Egat Bilong	Administrative Staff (Clerical/Operation)
12.	Rosmanizam Rosli	Administrative Staff (Clerical/Operation)
13.	Siti Farazilla Jakaria	Administrative Staff (Clerical/Operation)
14.	Siti Nurazura Awih	Administrative Staff (Clerical/Operation)
15.	Haliah binti Taip	Assistant Accountant
16.	Rosita Demi ak Jus	Assistant Accountant
17.	Zulkenain Yusuf	General Staff

1.3.5 Technical Staff

Designation	Total
Senior Assistant Engineer J36	3
Assistant Engineer J29	6
Senior Technician J22	2
Technician J17	26
Computer Technician FT17	1
Lab Assistant C17	1
Total	39
On Leave (Gred J36)	1
TOTAL	38

1.3.6 List of Technical Staff

1.3.6.1 IT-Unit

No	Name	Designation
1.	Mohd Ismail Hairul Abdul Latif	Lab Assistant
2.	Nuramalina Morshidi	Computer Technician

1.3.6.2 Department of Civil Engineering

No	Name	Designation
1.	Hj. Affandi Bin Hj. Othman	Senior Assistant Engineer J36
2.	Noorasmah Binti Mohamad Kassa	Assistant Engineer J29
3.	Rozaini Bin Ahmad	Technician J17
4.	Saiful Bin Edi	Technician J17
5.	Nur Adha Bin Abdul Wahab	Technician J17
6.	Mohd Sopian Bin Mohd Kassim	Technician J17
7.	Nur Shafini Binti Hamdan	Technician J17
8.	Mohamad Ar-Rasyidin Bin Marudin	Technician J17
9.	Mohd Zaidi Bin Serah	Technician J17

1.3.6.3 Department of Electronic Engineering

No	Name	Designation
1.	Wan Mohd. Hamizah Bin Wan Rosli	Senior Assistant Engineer J36 (On Leave)
2.	Nawawi Bin Muhamad	Assistant Engineer J29
3.	Awgku Mohd Azmirul Bin Awgku Omar	Assistant Engineer J29
4.	Dayang Rohhayati Binti Abang Ahmad	Assistant Engineer J29
5.	Yusmizan Hanin @ Bunian	Technician J17
6.	Mahathir Bin Bujang	Technician J17
7.	Iskendasah Bin Minggu	Technician J17
8.	Lawrence Marchwell Anak Sinin	Technician J17
9.	Johari Bin Abdul Karim	Technician J17

No	Name	Designation
10.	Mohamad Tajuddin Bin Unus	Technician J17
11.	Zuraidah Binti Ibrahim	Technician J17
12.	Azizan Bin Segri	Technician J17
13.	Wan Mohd Haekal Bin Wan Herdwat	Technician J17

1.3.6.4 Department of Mechanical & Manufacturing Engineering

No	Name	Designation
1.	Zaidi Bin Suhai	Senior Assistant Engineer J36
2.	Ireman Bin Bolhassan	Assistant Engineer J29
3.	Mohd Rhyier Juen Abdullah	Senior Technician J22
4.	Masri Bin Zaini	Technician J22
5.	Hasmiza Binti Kontet	Technician J17
6.	Sabariman Bin Bakar	Technician J17
7.	Azaman Bin Jajol	Technician J17
8.	Siti Fazilah Binti Mohammad	Technician J17
9.	Mohd Fairudi Bin Mohd Jamil	Technician J17

1.3.6.5 Department of Chemical Engineering & Energy Sustainability

No	Name	Designation
1.	Zulkifli Bin Ahmat	Assistant Engineer J29
2.	Mohd Zulfika Hazielim b Zakaria	Assistant Science Officer C27
3.	Mohd Hafiz Bin Mafadi	Technician J17
4.	Kamri Bin Mohamad	Technician J17
5.	Mohd Amirul Nizam Bin Amit	Technician J17
6.	Airul Azhar Bin Jitai	Technician J17
7.	Mohamad Ruzaini Bin Razak	Technician J17

1.4 NEW APPOINTMENT, NEW RECRUITMENT, PROMOTED, RETIRED/RESIGN

1.4.1 New Appointment

1.4.1.1 Deputy Dean(Postgraduate & Research)

Dr Hushairi Zen

1.4.2 Promoted

1.4.2.1 Associate Professor DS54

Associate Professor Dr Al-Khalid Othman

1.4.2.2 Associate Professor DS53

Associate Professor Dr M Shahidul Islam

1.4.2.3 Senior Lecturer DS52

Dr Tay Kai Meng

1.4.2.4 Technician J22

Masri bin Zaini

1.4.3 New Recruitment

1.4.3.1 Lecturer

1.4.3.1.1 Department of Civil Engineering

No	Name	Designation
1.	Prof. Dr Shenbaga Rajaratnam Kaniraj Jeyachandran	Associate Professor
2.	Dr Leonard Lim Lik Pueh	Lecturer
3.	Dr Darrien Mah Yau Seng	Lecturer

1.4.3.1.2 *Department of Chemical Engineering & Energy Sustainability*

No	Name	Designation
1.	Associate Professor Dr Khairuddin Sanaullah	Associate Professor
2.	Dr Md Rezaur Rahman	Lecturer

1.4.3.2 *Tutor*

1.4.3.2.1 *Department of Chemical Engineering & Energy Sustainability*

No	Name	Designation
1.	Nur Syuhada Ahmad Zauzi	Tutor

1.4.3.3 *Professional & Administrative Officer*

No	Name	Designation
1.	Muhammad Azhan b. Abdullah	Assistant Registrar
2.	Siti Kasmi bt Iskandar	Asistant Administrative Officer
3.	Mohd Zulfika Hazielim b Zakaria	Assistant Science Officer
4.	Djennifer anak Franklin (Exchange with Etah Maharup)	Administrative Staff (P/O) N17
5.	Haliah binti Taip (Exchange with Kasnawati Kanchil)	Assistant Accountant W17

1.4.3.4 *Retired / Resign*

No	Name	Designation
1.	Professor Dr Kohilawatte Gamage Harry	Professor
2.	Professor Dr Salim Said	Professor
3.	Associate Professor Dr Awangku Abdul Rahman Hj Pgn Yusof	Associate Professor

1.5 STAFF ON STUDY LEAVE / SABBATICAL / ON LEAVE WITHOUT SALARY / SECONDMENT

1.5.1 Secondment

No	Name	Designation
1.	Dr Siti Halipah bt Ibrahim (KPT)	Lecturer

1.5.2 On Study Leave

No	Name	Designation
1.	Nur Tahirah Razali	Lecturer
2.	Annie Joseph	Lecturer
3.	Kuryati Kipli	Lecturer
4.	Azfar Satari Abdullah	Tutor
5.	Abg Mohd Aizuddin Abg Mohd Mohtar	Tutor
6.	Mahsuri Yusof	Pensyarah
7.	Tengku Mohd Afendi Zulcaffle	Pensyarah
8.	Aidil Azli Alias	Pensyarah
9.	Kho Lee Chin	Pensyarah

1.6 STAFF REPORT DUTY AFTER STUDY LEAVE

1. Dr Nordiana bt Rajae
2. Shanti Faridah Salleh
3. Dr Mohd Danial bin Ibrahim
4. Abdul Razak Abdul Karim
5. Norazzlina M. Sa'don
6. Martin Anyi
7. Asrani Lit
8. Annisa bt Jamali
9. Nicholas Kuan Hoo Tien
10. Ngu Sze Song

2 NETWORKING

No.	MoU/MoA Signed	Personal Involved	Activities	Date
1.	MoU between UNIMAS and Shibaura Institute of Technology, Japan	Prof. Dr. Khairuddin Ab Hamid , Naib Canselor UNIMAS / Prof Dr Takashi Komeda, Naib Presiden Shibaura Institute of Technology (SIT)		22 November 2011
2	MoU between UNIMAS and EPC Synergy Sdn Bhd	Prof. Dr. Khairuddin Ab Hamid, Naib Canselor UNIMAS/ Ir Azman bin Bujang, Executive Director EPC SYNERGY		17 August 2011
3	MoU between UNIMAS and ETI Tech (M) Sdn Bhd and Green Electric Sdn Bhd	Prof Dr Khairuddin Ab Hamid, Naib Canselor UNIMAS / En Khor Yee Kwang, Chief Technology Officer dari ETI Tech (M) Sdn Bhd / En Kirby Lee, Pengarah Green Electric Sdn Bhd / En Loh Kan Swee, Chief Operating Officer dari Green Electric Sdn Bhd		11 April 2011

3 STUDENT ENROLMENT

3.1 UNDERGRADUATE

3.1.1 Enrolment

Engineering Programmes	Taken	Enrolment 2011
Civil(<i>PKS</i>)	120	134
Electronic & Computer(<i>PKEK</i>)	60	26
Electronic & Telecommunication(<i>PKET</i>)	60	64
Mechanical & Manufacturing(<i>PKMP</i>)	100	117
Chemical(<i>PKK</i>)	30	28
TOTAL	380	369

3.1.2 Undergraduate by Year

Year	Total Student				
	PKET	PKEK	PKS	PKMP	PKK
Year 1	64	26	134	117	28
Year 2	31	36	114	68	27
Year 3	39	27	107	83	28
Year 4	40	32	99	73	-
Year 5	5	3	16	5	-
Year 6	2	2	8	2	-
TOTAL	181	126	478	348	83

Total number of undergraduate students - **1216**

4 PROGRAMMES OFFERED

4.1 PROGRAMMES OFFERED

Programmes	Year of Established	Board of Engineers Malaysia Accreditation
BEng (Hons) Civil Engineering	1994	2011-2013
BEng (Hons) Electronic & Telecommunication Engineering	1994	2000-2004 2011-2013
BEng (Hons) Mechanical & Manufacturing Engineering	1994	2000-2004 2011-2013
BEng (Hons) Electronic & Computer Engineering	2000	2000-2004 2011-2013
BEng (Hons) Chemical Engineering	2009	-

FENG 2011

4.2 SCANNED BEM CERTIFICATES

4.2.1 Bachelor of Engineering with Honours (Civil Engineering)

No. Sijil: 477
Ruj. EAC: BEM/005/0100/M (005)


LEMBAGA JURUTERA MALAYSIA
(Penandatanganan Penuh Washington Accord mulai 18 Jun 2009)
SIJIL AKREDITASI
DENGAN INI MEMPERAKUKAN BAHAWA KURSUS PENGAJIAN
BACHELOR OF ENGINEERING WITH HONOURS
(CIVIL ENGINEERING)
(4-Year Programme after STPM)

YANG DIKENDALIKAN OLEH:

UNIVERSITI MALAYSIA SARAWAK

TELAH MENDAPAT PENGIKTIRAFAN RASMI BAHAWA KELAYAKAN
AKADEMIK YANG DIANUGERAHKAN ADALAH SELARAS DENGAN
STANDARD DAN KUALITI YANG TELAH DITETAPKAN OLEH
LEMBAGA JURUTERA MALAYSIA
PERAKUAN BAGI GRADUAT
TAHUN 2011 HINGGA 2013 SAHAJA




.....
DATO' SRI Ir. Dr. JUDIN BIN ABDUL KARIM
Yang DiPertua


.....
Ir. HIZAMUL-DIN AB. RAHMAN
Pendaftar

Penganugerahan Perakuan Akreditasi ini tertakluk kepada peraturan-peraturan dan syarat-syarat yang dinyatakan di sebelah.

Tarikh Perakuan Dikeluarkan : 14.02.2011

4.2.2 Bachelor of Engineering with Honours (Electronic & Telecommunication Engineering)

No. Sijil: 479
Ruj. EAC: BEM/005/0441/M (006)


LEMBAGA JURUTERA MALAYSIA
(Penandatanganan Penuh Washington Accord mulai 18 Jun 2009)
SIJIL AKREDITASI
DENGAN INI MEMPERAKUKAN BAHAWA KURSUS PENGAJIAN
BACHELOR OF ENGINEERING WITH HONOURS
(ELECTRONICS AND TELECOMMUNICATION ENGINEERING)
(4-Year Programme after STPM)
YANG DIKENDALIKAN OLEH:

UNIVERSITI MALAYSIA SARAWAK

TELAH MENDAPAT PENGIKTIRAFAN RASMI BAHAWA KELAYAKAN
AKADEMIK YANG DIANUGERAHKAN ADALAH SELARAS DENGAN
STANDARD DAN KUALITI YANG TELAH DITETAPKAN OLEH
LEMBAGA JURUTERA MALAYSIA

PERAKUAN BAGI GRADUAT
TAHUN 2011 HINGGA 2013 SAHAJA




.....
DATO' SRI Ir. Dr. JUDIN BIN ABDUL KARIM
Yang DiPertua


.....
Ir. HIZAMUL-DIN AB. RAHMAN
Pendaftar

Penganugerahan Perakuan Akreditasi ini tertakluk kepada peraturan-peraturan dan syarat-syarat yang dinyatakan di sebelah.

Tarikh Perakuan Dikeluarkan : 14.02.2011

4.2.3 Bachelor of Engineering with Honours (Electronic & Computer Engineering)

No. Sijil: 478
Ruj. EAC: BEM/005/0460/M (003)


LEMBAGA JURUTERA MALAYSIA
(Penandatanganan Penuh Washington Accord mulai 18 Jun 2009)
SIJIL AKREDITASI
DENGAN INI MEMPERAKUKAN BAHAWA KURSUS PENGAJIAN
BACHELOR OF ENGINEERING WITH HONOURS
(ELECTRONICS AND COMPUTER ENGINEERING)
(4-Year Programme after STPM)
YANG DIKENDALIKAN OLEH:

UNIVERSITI MALAYSIA SARAWAK

TELAH MENDAPAT PENGIKTIRAFAN RASMI BAHAWA KELAYAKAN
AKADEMIK YANG DIANUGERAHKAN ADALAH SELARAS DENGAN
STANDARD DAN KUALITI YANG TELAH DITETAPKAN OLEH
LEMBAGA JURUTERA MALAYSIA

PERAKUAN BAGI GRADUAT
TAHUN 2011 HINGGA 2013 SAHAJA




.....
DATO' SRI Ir. Dr. JUDIN BIN ABDUL KARIM
Yang DiPertua


.....
Ir. HIZAMUL-DIN AB. RAHMAN
Pendaftar

Penganugerahan Perakuan Akreditasi ini tertakluk kepada peraturan-peraturan dan syarat-syarat yang dinyatakan di sebelah.

Tarikh Perakuan Dikeluarkan : 14.02.2011

4.2.4 Bachelor of Engineering with Honours (Mechanical & Manufacturing Engineering)

No. Sijil: 480
Ruj. EAC: BEM/005/0630/M (004)


LEMBAGA JURUTERA MALAYSIA
(Penandatanganan Penuh Washington Accord mulai 18 Jun 2009)
SIJIL AKREDITASI
DENGAN INI MEMPERAKUKAN BAHAWA KURSUS PENGAJIAN
BACHELOR OF ENGINEERING WITH HONOURS
(MECHANICAL & MANUFACTURING ENGINEERING)
(4-Year Programme after STPM)
YANG DIKENDALIKAN OLEH:
UNIVERSITI MALAYSIA SARAWAK
TELAH MENDAPAT PENGIKTIRAFAN RASMI BAHAWA KELAYAKAN
AKADEMIK YANG DIANUGERAHKAN ADALAH SELARAS DENGAN
STANDARD DAN KUALITI YANG TELAH DITETAPKAN OLEH
LEMBAGA JURUTERA MALAYSIA
PERAKUAN BAGI GRADUAT
TAHUN 2011 HINGGA 2013 SAHAJA




.....
DATO' SRI Ir. Dr. JUDIN BIN ABDUL KARIM
Yang DiPertua


.....
Ir. HIZAMUL-DIN AB. RAHMAN
Pendaftar

Penganugerahan Perakuan Akreditasi ini tertakluk kepada peraturan-peraturan dan syarat-syarat yang dinyatakan di sebelah.

Tarikh Perakuan Dikeluarkan : 14.02.2011

5 LIST OF BEST STUDENT IN 2011 CONVOCATION

5.1 ANUGERAH DIRAJA

No.	Name	Programme	Student Number
1.	Chua Kim Eng	Civil Engineering	18249

5.2 ANUGERAH KHAS SENAT

No.	Name	Programme	Student Number
1.	Lau Ee Li	Civil Engineering	18777
2.	Kiu Pey Jing	Civil Engineering	18725
3.	Alex Wong Yik Khai	Mechanical & Manufacturing Engineering	17996

FENG 2011

6 POSTGRADUATE

	Name	Title	Research Area	Graduate Level
1.	Wong Kien Kuok	Development and Optimization of a Treatment System for Metalworking Fluids	Civil Engineering	PhD
2.	Ooi Koon Beng	The Use of Dynamic Thermal Modeling and Simulation in Designing a Comfortable Passive Malaysia Residential Building	Civil Engineering	PhD
3.	Prashobh Karunakaran	Optimization of Manufacturing Computer Disk Contact Parts Using Flexible Manufacturing Systems (FMS)	Mechanical Engineering	PhD
4.	Joan Dolly Chung Zie Wei	Trickling Filter for Domestic Wastewaters	Civil Engineering	PhD
5.	Md. Saiful Islam	Physical, Mechanical and Chemical Characterization of Tropical Wood Polymer Composites and Its Application	Mechanical Engineering	PhD
6.	Oon Yin Wee	A Combined 4-Stage Wastewater Treatment System for Sago Effluent	Civil Engineering	PhD
7.	Saleem Ahmed Saleem Jayousi	Computerized Maintenance for Electronic Instrument: Computer Engineering	Electronic Engineering	PhD
8.	Chong Kok Hing	Development, Performance Prediction and Validation of Modeling for Biomass-To-Heat Energy Converter for Drying Purpose in the Production of Paper Egg Trays	Civil Engineering	PhD
9.	Jakhrani Abdul Qayoom	Design & Development of Solar Wind Hybrid System	Electronic Engineering	PhD
10.	Norsuzailina Mohamed Sutan	The Effect of Modified Cement Systems on Efflorescence	Civil Engineering	PhD
11.	Mohammad Nurul Hoque	Dynamic Properties Analysis and Development of Composite Concrete Floor (CCF)	Mechanical Engineering	PhD
12.	Freddy Kho Wee Liang	A Model for Priorization of Landfill Gas (LFG)	Civil Engineering	PhD
13.	Nazeri Abdul Rahman	Sustainable Utilisation of Pelletised Plantation Biomass Wastes in Sarawak for Power Generation	Chemical Engineering	PhD

	Name	Title	Research Area	Graduate Level
14.	Arkin Kong Chung King	An In Depth Study on Supply Chain Management (SCM) in the Construction Industry in Sarawak	Civil Engineering	PhD
15.	Tracy anak Dickie	Fabrication and Mechanical Measurement of Nipah Palm Fiber Material	Mechanical Engineering	PhD
16.	Elizabeth Kho Ching Tee	Design of Lateral LGBT	Electronic Engineering	PhD
17.	Lau See Hung	Development of a Data Driven Fuzzy System for Evaluating Ultimate Tendon Stress and Flexural Strength of Externally Prestressed Beams	Civil Engineering	PhD
18.	Chiew Fei Ha	Optimization of Mix Proportion for High Strength Concrete Based on Harmony Search	Civil Engineering	PhD
19.	Sim Yeong Liang	Development of Construction Quality Assessment Model That Applicable to Malaysian Construction Industry	Civil Engineering	PhD
20.	Ng Liang Yew	Tracking with Non-Line-of-Sight (NLOS) Mitigation in Indoor Environment	Electronic Engineering	PhD
21.	Aliyu Haliru Hong	Wastewater Re-Use and Its Health Implication on Irrigated Vegetable at Lake Geriyo Irrigation Project, Yola, Adomawa Estate, Nigeria	Civil Engineering	PhD
22.	John Tin Yuan En	Adaptive Solar Energy System for Low-Cost Home Cooling System	Electronic Engineering	PhD
23.	Chai Nee Ping	Real-Time Heavy Vehicle Monitoring Using GPS and GIS Technology	Electronic Engineering	PhD
24.	Ting Kung Chuang	Optimization of a Hybrid Energy System with Artificial Intelligent Techniques	Electronic Engineering	PhD
25.	Chai Kok Chin	Development of Type 2 Fuzzy Logic Based Decision Making Support Model/Software Prototype for the Application in Local (Sarawak) Industries	Electronic Engineering	Master
26.	Jamuri Haji Zen	Stress Corrosion Cracking of Industrial Ammonia Tanks	Mechanical Engineering	Master
27.	Peter Yek Nai Yuh	Computer Simulation Analysis for Statics Stability of Airboat in Sarawak Riverine Application	Mechanical Engineering	Master

	Name	Title	Research Area	Graduate Level
28.	James Tan Yiaw Beng	Automatic Optimization of MLP Hidden Layer Using Hybrid K-Means-Simulated Annealing (KSA) for Time Series Prediction	Electronic Engineering	Master
29.	Lim Su Boon	A Novel Separator for Palm Oil Kernel Shell Cracked Mixture	Civil Engineering	Master
30.	Voon Chun Yung	Design, Building & Testing of a Micro-Hydro Energy System for Very Low Volume Flowrate Conditions	Mechanical Engineering	Master
31.	Sharifah Fatimah Tuanku Abdullah	FTTH Over WDM for Dynamic Bandwidth in the Malaysian Environment	Electronic Engineering	Master
32.	Mahmoud Al-Hussein	Investigation on Cross-Phase Modulation Effect for Fiber to the Home Over Wavelength Division Multiplexing Network	Electronic Engineering	Master
33.	Ting Sie Yew	Securing the Instream Flow for Sungai Sarawak Basin	Civil Engineering	Master
34.	Nur Afnie Faryisha binti Mohamad Hamzah	Design of Long Storage for Excess Water and Development of Hydrological Framework in Sungai Sarawak Kanan Sub-Basin	Civil Engineering	Master
35.	Zait Azma Yuinzy binti Yacub	Extreme Rainfall Frequency Analysis for Sarawak	Civil Engineering	Master
36.	Tay Chiaw Teck	Two-Way Two Lane Highways Based on Malaysian Road Conditions	Civil Engineering	Master
37.	Zamhuri bin Drahman	Malaysia Airports Pavement Management System	Civil Engineering	Master
38.	Oi Lee Eng	Characterization of Municipal Solid Waste and Feasibility Analysis on Implementation of Material Recovery Facilities with Composting	Civil Engineering	Master
39.	Siti Syafinah binti Ahmad Hassan	Automatic Detection of Diabetic Retinopathy Including Neovascularization Based on Morphological Operations	Electronic Engineering	Master
40.	Ting Huong Siong	Solid-Waste-Oil Phase Separation System with Corrugated Dodecagon Coalescence Frustums and Wave-Induced Oil Remover (WIOR)	Civil Engineering	Master

	Name	Title	Research Area	Graduate Level
41.	Jacqueline Lam Wan Hwa	The Characteristics of Treated Sarawak Fibrous Peat in Drained and Undrained Triaxial Compression Tests	Civil Engineering	Master
42.	Sii Hee Yew	A Study on Geotechnical Behavior of Stabilized Peat Soil with Finite Element Modeling	Civil Engineering	Master
43.	Md. Habibur Rahman Sobuz	Time Dependent Deflection and Debonding Behavior (Beam Strengthened With CFR Laminates)	Civil Engineering	Master
44.	Cheong Yaw Hong	Harnessing Tidal Energy for Electricity Generation at Sejingkat, Kuching, Sarawak	Mechanical Engineering	Master
45.	Tracy Yeo Hui Cheng	Formulation of Novel Adsorbent for Application in Chemical Driven Air-Conditioning System Powered by Waste Heat	Chemical Engineering	Master
46.	Ijen anak Dakek	Flow Characterization of Dielectric Barrier Discharges (DBD) Actuator	Mechanical Engineering	Master
47.	Patrick Teo Tien	Analysis and Modeling of Technical Losses in Distribution Networks	Electronic Engineering	Master
48.	Wilson Jih Ren Chang	Peat Soil Improvement for Better Abode in Sibul, A Geotechnical & Hydraulic Perspective	Civil Engineering	Master
49.	Mohd. Narzamin Jaffar	Custom Design, Develop Techno Economical Study of Small Cooling Water Power Generator	Mechanical Engineering	Master
50.	Tian Chuan Min	Custom Design, Development and Techno-Economical Study of A Small Cooling Water Power Generator for Sejingkat Power Corporate Sdn. Bhd.	Mechanical Engineering	Master
51.	Guo Junwei	Characterization and Realibility Analysis of High-Voltage Mosfet Transistor for Smart Power 1es	Electronic Engineering	Master
52.	Ling Ing Hock	Production of EPS RHA Lightweight Concrete Bricks	Civil Engineering	Master
53.	Gabriel anak Jatu	Design and Implementation of Micro-Hydropower System for a Stand-Alone Rural Village Electrification	Mechanical Engineering	Master
54.	Bong Voon Pai	Open Space Modeling for Mobile Satellite L-Band Signal in Sarawak	Electronic Engineering	Master

	Name	Title	Research Area	Graduate Level
55.	Muhammad Abdul Mun'aim bin Mohd. Idrus	Physical and Mechanical Properties of Chemically Modified Tropical Wood Polymer Composites (WPC)	Mechanical Engineering	Master
56.	Ibrahim Abba	Low Cost Data Acquisition System Development for Mobile Satellite Signal Performance Measurement: Kota Samarahan	Electronic Engineering	Master
57.	Jee Tze Ling	Development of an Intelligent Failure Analysis (Software) Tool with Case Studies: Application to Telecommunication Industry & Structural Engineering	Electronic Engineering	Master
58.	Ghazali bin Tambi	Axiomatic Design for Improvement of UNIMAS's District Cooling System	Mechanical Engineering	PhD
59.	Jong Yang	Production of Biodiesel From Waste Fat and Oil as a Renewable Energy Source	Mechanical Engineering	Master
60.	Chiong Meng Choung	Design and Development of an DBD Micropump	Mechanical Engineering	Master
61.	Krishna Veni a/p Selvan	Hybrid of Differential Evolution and Particle Swarm Optimization for Vector Evaluated Multi-Population Optimization of DNA Code Words Designing	Electronic Engineering	Master
62.	Kabiru Musa Ayagi	An Investigation into Abandoned Developed Housing in Sarawak, Malaysia	Civil Engineering	Master
63.	Quay Wei Kwang	Amelioration of Occupational Safety and Health (OSH) Practices in the Malaysian Construction Industry	Civil Engineering	Master
64.	Lai Sze Ying	A Critical Analysis of Construction Form – CIDB Standard Form of Contract for Building Work 2000	Civil Engineering	Master
65.	Sarfaraj Khan	Biodiesel Production from Marchroalgae as a Renewable Energy Source	Mechanical Engineering	Master
66.	Azzyati binti Basrol	L-Band Mobile Satellite Signal Performance Using Handled GPS Receiver on Building Effect	Electronic Engineering	Master
67.	Michelle Lu	Optimal Design of Under-Frequency Load Shedding (UFLS) Scheme Using Evolutionary Programming Techniques	Electronic Engineering	Master

	Name	Title	Research Area	Graduate Level
68.	Chua Swee Ning	EHD Electrospray for Drug Delivery of Microfluidic Application	Mechanical Engineering	Master
69.	Wennie Blantaw anak Enggu	Investigating the Performance of Signalized Intersection Along an Arterial Road in Kuching	Civil Engineering	Master
70.	Cheong Wai Loon	Motion Detection and Simulation Study on Human Walking Behavior	Mechanical Engineering	Master
71.	Wong Teck Kwong	Underwater Wireless Protocol	Electronic Engineering	Master
72.	Franklin Simon	The Use of Fuzzy Inference System for Risk Assessment and Decision Making for Sarawak River Transport	Civil Engineering	Master
73.	Bong Chien Chai	JARIMAS Turbine Float System and Anchorage Design	Civil Engineering	Master
74.	Liew Hon Choi	JARIMAS Turbine Smart Sensor for Remote Area Monitoring Purpose	Electronic Engineering	Master
75.	Akmal Hisyam bin Ruduan @ Raduan	Mechanical Transmission System for Sustainable Instream Horizontal Micro Hydro Turbine Generator	Mechanical Engineering	Master
76.	Hafiza binti Ramji	Turbine Frame Design for Sustainable Instream Horizontal Micro Hydro Turbine Generator	Mechanical Engineering	Master
77.	Ahmad Shahir bin Jamaludin	Investigation of Cutting Tool Temperature in End Mill With the Application of Finite Element Method	Mechanical Engineering	Master
78.	Malisa binti Sahari	Mechanical Properties of Chemically Modified Bamboo/Nanoclay/Polypropylene Nanocomposites	Mechanical Engineering	Master
79.	Khairul Amri bin Sayuti	Potential Stream Kinetic Energy Mapping in Kapit, Sarawak for Implementation of Sustainable Instream Horizontal Micro Hydro Turbine	Mechanical Engineering	Master
80.	Ashriff bin Abdul Jalil	Design of River Flow Water Energy Data Logger for the Measurement of Kinetic Energy from River Stream (Wanergy Meter)	Electronic Engineering	Master
81.	Voon Choon Siong	Harnessing Vibration into Electrical Energy	Mechanical Engineering	Master

	Name	Title	Research Area	Graduate Level
82.	Lee Tain Sang	Development of Pico-Scale Wind Energy System for Rural Electrification in Sarawak	Electronic Engineering	Master
83.	Siti Mas Arena binti Liakbar	Optimization of Energy Transmission System on Instream Micro Hydro Turbine	Mechanical Engineering	Master
84.	Jong Yik Jia	Energy Performance Study of a Chip Fryer		
85.	Jong Chian Haur	Development of a Single-Input-Rule-Module Fuzzy Inference System-Based Failures Prioritization Technique for Edible-Bird's Nest Processing	Electronic Engineering	Master
86.	Mohammad Fadzli bin Jawawi	Stabilization of Peat Soil Using Fly Ash and Sago's Ash at Kampung Sau, Mukah	Civil Engineering	Master
87.	Harunal Rejan bin Ramji	Study of Heat-Driven Adsorption Air-Conditioning System Using Biomass-Based Activated Carbon-Mehanol for Vehicle Application	Mechanical Engineering	Master
88.	Alan Bong Kim Ming	Evaluation of a Modified Conversion of a Pump as Turbine	Mechanical Engineering	Master
89.	Teo Chong Yaw	Temperature Measurement of High Speed Milling	Mechanical Engineering	Master
90.	Marta a/p Elizabeth	Time-Domain Inverse Scattering Technique for Early Breast Cancer Detection	Electronic Engineering	Master
91.	Sebastiano Mike anak Atet	Characterization of Natural Fiber Reinforced Foam Core/Carbon Fabric Laminates Sandwich Composite Subjected to Mechanical Testing	Mechanical Engineering	Master
92.	Chang Wui Lee	Development of an Evolving Fuzzy Rule-Based System for Object Detection in Video	Electronic Engineering	Master

7 CONFERENCE / SEMINAR PRESENTED BY LECTURER

7.1 LIST OF LOCAL CONFERENCE / SEMINAR PRESENTED BY LECTURER

No.	Name	Conference	Place	Date
1	Shirley Johnatan Tanjong	International Conference on Industrial Engineering and Operations Management (IEOM 2011)	Grand Seasons Hotel, Kuala Lumpur	22-24 January 2011
2	Dr. M. Shahidul Islam	International Conference on Industrial Engineering and Operations Management (IEOM 2011)	Grand Seasons Hotel, Kuala Lumpur	22-24 January 2011
3	Assoc. Prof. Dr. Ehsan Ahmed	8th International Conference on Composite Science and Technology	Hotel Novotel, Kuala Lumpur	22-24 March 2011
4	Nurdiani binti Zamhari	2011 IEEE 7th International Colloquium on Signal Processing and Its Applications (CSPA 2011)	Hotel Bayview, Batu Ferringghi, Pulau Pinang	4-6 March 2011
5	Dr. Mohd. Saufee bin Muhammad	International Conference on Electrical Control and Computer Engineering 2011	Hyatt Regency, Kuantan, Pahang	21-22 Jun 2011
6	Dr. Delsye Teo Ching Lee	International Renewable Energy & Environment Conference 2011 (IREEC 2011)	Kuala Lumpur	24-26 Jun 2011
7	Prof. Dr. Ng Chee Khoon	A Two-Day Course & Practical Workshop of the Design of Reinforced & Prestressed Concrete Structures using Eurocodes	The Nomad Sucasa, Kuala Lumpur	14-15 April 2011
8	Mohamad Iskandar bin Jobli	Clean Energy and Technology, The 8th Sustainable Energy and Environment (SEE) Forum Meeting	The Legend Hotel & Apartments, Kuala Lumpur	27-29 Jun 2011
9	Dr. Tay Kai Meng	Two-Day Workshop on the Art of Writing Publishable Scientific Manuscript and Beyond	USM, Pulau Pinang	10-11 May 2011
10	Ron Aldrino Chan @ Ron Buking	Two-Day Workshop on the Art of Writing Publishable Scientific Manuscript and Beyond	USM, Pulau Pinang	10-11 May 2011

No.	Name	Conference	Place	Date
11	Dr. Syed Tarmizi bin Syed Shazali	7th International Conference on IT in Asia (CITA'11)	Hotel Hilton, Kuching	12-14 July 2011
12	Norsuzailina binti Mohamed Sutan	The 7th International Conference on Steel & Aluminium Structures (ICSAS 2011)	Hotel Pullman, Kuching	13-15 July 2011
13	Prof Dr Amir Azam Khan	The 7th International Conference on Steel & Aluminium Structures (ICSAS 2011)	Hotel Pullman, Kuching	13-15 July 2011
14	Azida binti Rashidi	The 7th International Conference on Steel & Aluminium Structures (ICSAS 2011)	Hotel Pullman, Kuching	13-15 July 2011
15	Norazlina Bateni	Asean Australian Engineering Congress	Hotel Riverside Majestic, Kuching	25-27 July 2011
16	Dr. M. Shahidul Islam	Asean Australian Engineering Congress	Hotel Riverside Majestic, Kuching	25-27 July 2011
17	Norazzlina M. Sadon	Pre-Congress Workshop on Embedding Sustainability in Engineering Subjects and Programs	Swinburne University of Technology, Sarawak Campus	24 July 2011
18	Siti Nor Ain Musa	Pre-Congress Workshop on Embedding Sustainability in Engineering Subjects and Programs	Swinburne University of Technology, Sarawak Campus	24 July 2011
19	Dr. Nordiana Rajae	Pre-Congress Workshop on Embedding Sustainability in Engineering Subjects and Programs	Swinburne University of Technology, Sarawak Campus	24 July 2011
20	Shanti Faridah Salleh	Pre-Congress Workshop on Embedding Sustainability in Engineering Subjects and Programs	Swinburne University of Technology, Sarawak Campus	24 July 2011
21	Norazlina Bateni	Pre-Congress Workshop on Embedding Sustainability in Engineering Subjects and Programs	Swinburne University of Technology, Sarawak Campus	24 July 2011
22	Dr. Leonard Lim	Seminar on Malaysian Standards (MS) for Waste Management	UNIMAS	28 July 2011

No.	Name	Conference	Place	Date
23	Rosmina Ahmad Bustami	Asean Australian Engineering Congress	Hotel Riverside Majestic, Kuching	25-27 July 2011
24	Prof. Dr. Sinin Hamdan	Malaysian International NDT Conference and Exhibition 2011 (MINDTCE 11)	Thistle, Port Dickson Resort, Negeri Sembilan	21-22 November 2011
25	Assoc. Prof Ir Dr. Andrew Ragai Henry Rigit	MPOB International Palm Oil Conference (PIPOC 2011)	KLCC, Kuala Lumpur	13-16 November 2011
26		International Congress on Green Process Engineering (GPE 2011)	Kuala Lumpur	6-8 December 2011
27	Ir David Bong Boon Liang	2nd International Conference on Advanced Science, Engineering and Information Technology	Kuala Lumpur	12-13 December 2011
28	Nor Azalina Rosli	International Engineering for Sustainability Conference (Inesco)	Kampus Kejuruteraan, USM	14-16 October 2011
29	Dr.Kismet Hong Ping	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
30	Dr. Hushairi Zen	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
31	Hazrul Mohamed Basri	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
32	Dr. Tay Kai Meng	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
33	Kasumawati Lias	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
34	Mohd. Farid bin Atan	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
35	Assoc. Prof Dr. Al-Khalid Haji Othman	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011

No.	Name	Conference	Place	Date
36	Dr. Syed Tarmizi Syed Shazali	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
37	Assoc. Prof Dr. Azhaili Baharun	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
38	Dr. Magdalene Andrew Munot	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
39	Dr. Mohd. Saufee Muhammad	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
40	Sharifah Masniah Wan Masra	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
41	Ade Syaheda Wani Marzuki	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
42	Asrani Lit	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
43	Mahshuri Yusof	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
44	Dr. Siti Noor Linda Taib	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
45	Maimun Huja Hussin	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
46	Ir Dr. Mohd. Shahril Osman	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
47	Ervina Junaidi	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011

No.	Name	Conference	Place	Date
48	Norazlina Bateni	4th Engineering Conference 2011 (ENCON 2011)	Hotel Riverside Majestic, Kuching	29 November - 1 December 2011
49	Dr. Tay Kai Meng	Seminar Hasil Penemuan Penyelidikan Terbaik Skim Geran Penyelidikan Fundamental (FRGS) Fasa 1/2008	Kelana Resort, Seremban, Negeri Sembilan	3 November 2011
50	Ron Aldrino Chan @ Ron Buking	International Seminar on the Application of Science & Mathematics 2011 (ISASM'11)	PWTC, Kuala Lumpur	1-3 November 2011

7.2 LIST OF INTERNATIONAL CONFERENCE / SEMINAR PRESENTED BY LECTURER

No.	Name	Conference	Place	Date
1	Kuryati binti Kipli	The 2011 IAENG International Conference on Imaginig Engineering (ICIE 2011)	Kowloon, Hong Kong	16-18 March 2011
2	Dr. Mohd. Saufee bin Muhammad	SIS 2011 : IEEE Symposium on Swarm Intelligence	Paris, France	11-15 April 2011
3	Prof. Dr. Sinin Hamdan	Seventh AES-ATEMA 2011 International Conference	Milan, Itali	4-8 July 2011
4	Dr. Wan Azlan bin Wan Zainal Abidin	2011 International Conference on Environment Science and Engineering (ICESE 2011)	Bali, Indonesia	1-3 April 2011
5	Mohd Faizrizwan bin Mohd Sabri	2011 IEEE International Conference on Computer Science and Automation Engineering (ICSAE 2011)	Shanghai, China	10-12 Jun 2011
6	Kho Lee Chin	2011 4th IEEE International Conference on Computer Science and Information Technology (IEEE ICCSIT 2011)	Chengdu, China	10-12 Jun 2011
7	Prof. Dr. Ng Chee Khoon	fib Symposium Prague 2011 : Concrete Engineering for Excellence and Efficiency	Prague, Czech Republic	8-10 Jun 2011
8	Dr. Hajah Siti Noor Linda binti Haji Taib	International Conference on Advances in Geotechnical Engineering (ICAGE 2011)	Perth, Australia	7-9 November 2011

No.	Name	Conference	Place	Date
9	Dr. Tay Kai Meng	2011 IEEE International Conference on Fuzzy Systems	Taipei, Taiwan	27-30 Jun 2011
10	Prof. Dr. Amir Azam Khan	2nd ASEAN Pakistan Conference on Materials Science 2011 (APCoMS2)	Hanoi, Vietnam	26-27 April 2011
11	Nurdiani binti Zamhari	The 2011 International Conference of Electrical and Electronics Engineering	The South Kensington Campus, Imperial College London, United Kingdom	6-8 July 2011
12	Dr. Delsye Teo Ching Lee	World Congress on Sustainable Technologies (WCST - 2011)	London, UK	7-10 November 2011
13	Assoc. Prof. Ir Dr Andrew Ragai Henry Rigit	7th Asia-Pacific Drying Conference	Tianjin, China	18-20 September 2011
14	Dr. Abu Saleh Ahmed	9th International Conference on Mechanical Engineering	Dhaka, Bangladesh	18-20 December 2011
15	Noor Hisyam Noor Mohamed	2011 International Conference on Applied Mechanics, Materials and Manufacturing	Shenzen, China	18-20 November 2011
16	A. K. Amir, J. C. Labbe	Conference on Materials Science (APCOMS2): Advanced Ceramic Matrix Composites for High Energy X Ray Generation	Pakistan	2011

8 PUBLICATIONS

8.1 JOURNALS

No	Name of Lecturer	Paper Title	Name of Journals/ Vol./Pg.
1.	M.I. Shahidul, S.T. Syed Shazali, (2011)	Dynamics of Manufacturing Productivity: lesson learnt from labor intensive industries	Journal of Manufacturing Technology Management, Vol. 22 Iss: 5, pp.664 – 678
2.	K. Muhammad, S. Muhammad, A.K Amir (2011)	Strontium Doped Lead Zirconate Titanate Ceramics: Study of Calcination and Sintering Process to Improve Piezo Effect	Journal of Nanoscience and Nanotechnology, Vol. 11, pp.5440-5445
3.	P.K. Kolay, M.R. Aminur, S.N.L. Taib (2011)	Effect of Alkali on Tropical Peat Stabilized with Different Stabilizers	International Journal of Geotechnical Engineering, Vol. 5, Iss: 2, pp.189-197
4.	G. Stotoh anak Gingos, N. Mohamed Sutan (2011)	Effect of PFA on Strength and Water Absorption of Mortar	UNIMAS e-Journal of Civil Engineering, Vol.1, Iss: 3.
5.	M.M Borhan, N. Mohamed Sutan (2011)	Laboratory Study of Water Absorption of Modified Mortar	UNIMAS e-Journal of Civil Engineering, Vol.1, Iss: 3
6.	H.R. Sobuz, E. Ahmed, N. Mohamed Sutan (2011)	Flexural Performance of CFRP Strengthened RC Beams with Different Degrees of Strengthening Schemes	International Journal of the Physical Sciences, Vol. 6, Iss: 9, pp. 2229-2238
7.	D.C.L. Teo, I.H. Ling (2011)	Properties of EPS RHA Lightweight Concrete Bricks under Different Curing Conditions	Construction and Building Materials, Vol.25, Iss: 8, pp.3648-3655
8.	Amir Azam Khan, Jean Claude Labbe (2011)	Advanced Ceramic Matrix Composites for High Energy X-Ray Generation	Advances in Natural Sciences: Nanoscience and Nanotechnology, Vol.13, pp. 1

No	Name of Lecturer	Paper Title	Name of Journals/ Vol./Pg.
9.	Ting Sim Nee, Sia Pik Soon, Andrew Whyte (2011)	An Analysis of Payment Effected by Standard Forms of Construction Contract in Sarawak Malaysia: A Comparative Study of PWD 75 CIDB 2000 and PAM 1998	Malaysian Construction Research Journal, Vol.6, Iss: No. 1, pp.68-81
10.	A. K. Amir, J. C. Labbe (2011)	Advanced Ceramic Matrix Composites for High Energy X Ray Generation	IOP Journal Adv. Nat. Sci.: Nanoscience and Nanotechnology
11.	Abdullah M.O, Tan, I.A.W. and Lim, L. S. (2011)	Automobile Adsorption Air- Conditioning System Using Oil Palm Biomass-Based Activated Carbon: A Review	Renewable and Sustainable Energy Reviews, Vol. 15, pp. 2061-2072.
12.	Mohammad Nurul Hoque, Sinin Hamdan (2011)	Effects of Vibrations on Concrete Floor and Composite Concrete Floor	Paperback, 112 pages, LAP LAMBERT Academic Publishing (ISBN 978-3- 8465-4010-7)
13.	Mohammad Nurul Hoque, Sinin Hamdan (2011)	Floor Vibration: A Discussion: Introduction of Floor Vibration	Paperback, 108 pages, LAP LAMBERT Academic Publishing (September 1,2011) ISBN-10:3845415800
14.	Mohammad Nurul Hoque, Sinin Hamdan (2011)	Vibration Measurement of Rolling Element Bearing	Paperback, 116 pages, LAP LAMBERT Academic Publishing (July 7, 2011) ISBN-10:3845410507
15.	M.A.M. Mohd. Idrus, S. Hamdan, Md. S. Islam (2011)	Treated Tropical Wood Sawdust-Polypropylene Polymer Composite: Mechanical and Morphological Study	Journal of Biomaterials and Nanobiotechnology, 2011, 2, 435-444.
16.	M. R. Rahman, S. Hamdan, A. S. Ahmed, M. S. Islam, W. Abdullah, M.S. Che Mat (2011)	Thermogravimetric analysis and Dynamic Young's Modulus Measurement of N, N- Dimethylacetamide Impregnated Wood Polymer Composites (WPC)	Journal of Vinyl and Additive Technology, Volume 17, Issue 3, page 177-183, September 2011.
17.	M.A.M. Mohd. Idrus, S. Hamdan, M. R. Rahman, M. S. Islam (2011)	Liquefied Tropical Wood/Polypropylene Composites: Preparation and Physico-Mechanical Properties	Material Physics and Mechanics 11 (2011), 126- 136.

No	Name of Lecturer	Paper Title	Name of Journals/ Vol./Pg.
18.	S. Hamdan, M. N. Hoque, N. M. Sutan (2011)	Dynamic Property Analysis and Development of Composite Concrete Floor (CCF) and Vibration Serviceability: A Review.	International Journal of the Physical Sciences Vol. 6 (34), pp. 7669-7693, 16 December 2011, Available online at http://www.academicjournals.org/IJPS DOI: 10.5897/IJPS11 ISSN 1992-1950, 2011 Academic Journals
19.	M. S. Islam, S. Hamdan, M. R. Rahman	Effects of Polymer Loading on Tropical Wood Polymer Composite (WPC)	Advanced Materials Research, 2011, Vol. 264-265, pp 631.
20.	M. R. Rahman, S. Hamdan, M. S. Islam, M. S. Mondol	Mechanical Properties and Decay Resistance of Wood Polymer Composites (WPC)	Advanced Materials Research, 2011, Vol. 264-265, pp 819.
21.	M. S. Islam, S. Hamdan, Jusoh, Ismail; Rahman, M; Talib, Zainal	Dimensional Stability and Dynamic Young's Modulus of Tropical Light Hardwood Chemically Treated with Methyl Methacrylate in Combination with Hexamethylene Diisocyanate Cross-Linker	Journal Ind. Eng. Chem. Res. 2011, 50, 3900-3906.
22.	S. Hamdan, M. Hasan, A. A. Hamdan, M. R. Rahman	Physico-Mechanical Properties of Oil Palm Empty Fruit Bunch (OPEFB) Fiber Reinforced Polyethylene Composites	Asean Journal on Science and Technology for Development, Vol. 28, Issue 1, 2011.
23.	M. Saiful Islam, S. Hamdan, M. R. Rahman, I. Jusoh	The Effect of Crosslinker on Mechanical and Morphological Properties of Tropical Wood Material Composites	Journal Material and Design: Vol. 32, 2011, pg 2221-2227.
24.	S. Hamdan, Y. L. Hasan, Z. A. Talib	Studies of Monomer Impregnation and Polymerized 'In-Situ' in Wood Using Dynamic Mechanical Thermal Analyzer (DMTA)	Materials Science and Technology Journal: Vol. 27, No. 1, 2011, pg. 40-43.
25.	M. S. Islam, S. Hamdan, M. R. Rahman, I. Jusoh, A. S. Ahmed, M. Idrus	Dynamic Young's Modulus, Morphological and Thermal Stability of 5 Tropical Light Hardwoods Modified by Benzene Diazonium Salt Treatment	Bioresources Com. 6 (1), 2011, pg. 737-750.

No	Name of Lecturer	Paper Title	Name of Journals/ Vol./Pg.
26.	Hamdan. S; Hussin, R; Salim, MA; Husin, M S; Abdul Halim, D N F; Abdullah, M S	Morphology and Composition of Strontium Calcium Aluminate Matrix Doped with Dy ³⁺	Materials Science and Technology (ISSN: 0267- 0836), Volume 27, No. 1, pp 232-234(3); January 2011
27.	M. A. M. M. Idrus, S. Handam, M. R. Rahman, M. S. Islam (2010)	The Effect of Temperature on Mechanical and Physical Properties of Liquefied Wood Polymer Composites (LWPC)	ASEAN Journal on Science and Technology for Development, 2011, Vol. 28, Issue 1.

8.2 PUBLICATION AND AWARD BY STAFF STUDY ABROAD

8.2.1 Journal

No	Name of Lecturer	Paper Title	Name of Journals/ Vol./Pg.
1.	S. Sahrani, H. Iwamatsu, M. Kuroda	A Novel Approach for the Analysis of Electromagnetic Field with Rotating Body	Applied Computational Electromagnetics (ACES) Journal, Vol. 26, no. 8, August 2011, pg 651-659

8.2.2 Peer Review / Proceedings

No	Name of Lecturer	Paper Title	Name of Proceedings / Vol./Pg.
1.	S. Sahrani, H. Iwamatsu, M. Kuroda	Overset Grid Generation Method for the Analysis of Electromagnetic Field in Rotating Body	Proc. of the 2010 IEICE Society Conference C-1-33, Osaka, Japan September 2010
2.	S. Sahrani, H. Iwamatsu, M. Kuroda	An Approach to the Analysis of Electromagnetic Field in Rotating Environment by Overset Grid Generation Method	Proc. of The Papers of Technical Meeting on Electromagnetic Theory, EMT-10-156, IEE Japan, Fukushima, Japan November 2010
3.	S. Sahrani, H. Iwamatsu, M. Kuroda	Overset Grid Generation Method for the Study of Electromagnetic Field in Rotating Environment	Proc. of The 27th International Review of Progress in Applied Computational Electromagnetics, ACES 2011 Williamsburg, Virginia USA March 2011

No	Name of Lecturer	Paper Title	Name of Proceedings / Vol./Pg.
1.	S. Sahrani, H. Iwamatsu, M. Kuroda	A Study of the Accuracy in FDTD Algorithm for Solving EM Field with Rotating Body	IEEE-APS 2011, Spokane, Washington USA July 2011
2.	S. Sahrani, M. Kuroda	Numerical Technique for Investigation of the Relation Between the Angular Velocity and the Phase Shift in a Rotating Body	Proc. of the 2011 IEICE Society Conference C-1-12, Hokkaido, Japan September 2011
3.	S. Sahrani, M. Kuroda	Accuracy Study of the Overset Grid Generation Method with Rotational Motion Based on the Cell Size	Proc. of The Papers of Technical Meeting on Electromagnetic Theory, EMT-11-147, IEE Japan, Toyama, Japan November 2011
4.	S. Sahrani, M. Kuroda	Characteristics of EM Field by a Rotating Rectangular Body and Its Numerical Error	Proc. of The 28th International Review of Progress in Applied Computational Electromagnetics, ACES 2012 Ohio, Columbus USA (<i>to be presented in April 2012</i>)
5.	Siti Kudnie Sahari, Hideki Murakami, Tomohiro Fujioka, Tatsuya Bando, Akio Ohta, Katsunori Makihara, Seiichiro Higashi, and Seiichi Miyazaki	Native Oxidation Growth on Ge (111) and (100) Surfaces	Japanese Journal of Applied Physics, vol. 50, no. 4 (2011) 04DA12 (4 pages)
6.	S. K. Sahari, A. Ohta, M. Matsui, K. Mishima, H. Murakami, S. Higashi, and S. Miyazaki	Kinetics of Thermally Oxidation of Ge(100) Surface	15th International Conference on Thin Film (ICTF-15), P-S2-22, p.71 (Kyoto TERRSA, Kyoto, Japan, November 8-11, 2011) : Poster Presentation
7.] S. K. Sahari, A. Ohta, M. Matsui, H. Murakami, S. Higashi, and S. Miyazaki	Evaluation of Thermally-Grown Ge Oxide on Ge(100) and Ge(111) Surfaces	2011 International Conference of Solid State of Device and Materials (SSDM), P-1-4, pp.14-15 (Aichi Industry & Labor Center (WINC AICHI), Nagoya, Japan, September 28-30, 2011) : Poster Presentation

No	Name of Lecturer	Paper Title	Name of Proceedings / Vol./Pg.
8.	S. K. Sahari, A. Ohta, M. Matsui, H. Murakami, S. Higashi, and S. Miyazaki	Evaluation of Chemical Bonding Features of Thermally-Grown Ge Oxide/Ge(100) System	The 72 th Autumn Meeting, 2011 : The Japan Society of Applied Physics, 1a-Q-6, 13-082 (Yamagata University, Yamagata, Japan, August 29-September 2, 2011): Oral Presentation
9.	Kento Mishima, Hideki Murakami, Akio Ohta, S. K. Sahari, Tomohiro Fujioka, Seiichiro Higashi, and Seiichi Miyazaki	Formation of Ultra Thin Ta-oxide Films by ALD and Layer-by-Layer Methods and Evaluation of Interfacial Oxidation in the Film Formation on Ge	15th International Conference on Thin Film (ICTF-15), P-S2-24, p.73 (Kyoto TERRSA, Kyoto, Japan, November 8-11, 2011) : Poster Presentation
10.	K. Mishima, H. Murakami, A. Ohta, S. K. Sahari, T. Fujioka, S. Higashi, and S. Miyazaki	Formation of Ultrathin Ta-oxide Films by ALD and Layer-by-Layer Methods and Evaluation of Interfacial Oxidation in the Film Formation on Ge(100)	The 72 th Autumn Meeting, 2011 : The Japan Society of Applied Physics, 1a-Q-13, 13-089 (Yamagata University, Yamagata, Japan, August 29-September 2, 2011): Oral Presentation
11.	H. Murakami, T. Fujioka, A. Ohta, K. Mishima, S. K. Sahari, S. Higashi, and S. Miyazaki	Control of Interfacial Reaction at Ge/TiO _x Interface Formed on Ge Substrate by Layerby-layer Method	The 72 th Autumn Meeting, 2011 : The Japan Society of Applied Physics, 1a-Q-14, 13-090 (Yamagata University, YamagataJapan, August 29-September 2, 2011): Oral Presentation

8.2.3 Award & Recognition

No	Name of Lecturer	Award & Recognition
1.	Shafrina Sahrani	平成22 年度電磁界理論研究会学生優秀発表賞受賞 (2010 Student Best Presenter Award in the Technical Meeting on Electromagnetic Theory, IEE Japan)
2.	Shafrina Sahrani	Consolation Prize for Student Paper Competition in ACES 2011
3.	Siti Kudnie Sahari	Award for Encouragement of Research in Thin Films/ Chairperson of the 15th International Conference on Thin Films (ICTF-15) 2011. 11. 11 Paper Title: Kinetics of Thermally Oxidation of Ge(100) Surface
4.	Delsye Teo Ching Lee	Best Paper Award, World Congress on Sustainable Technologies (WCST 2011) Paper Title: Lightweight Concrete Bricks Produced from Industrial and Agricultural Solid Waste

The 15th International Conference on Thin Films (ICTF-15)

Certificate of Award for Encouragement of
Research in Thin Films

This is to certificate that

Siti Kudnie SAHARI
Hiroshima University

has presented an outstanding work
with title

Kinetics of Thermally Oxidation of Ge(100) Surface

November 11, 2011

Osamu Takai

Osamu Takai
Chairperson of The 15th
International Conference
on Thin Films
(ICTF-15)





World Congress on Sustainable Technologies (WCST-2011)
November 7-10, 2011, London, UK

Best Paper Award

On behalf of the World Congress on Sustainable Technologies (WCST-2011),
the Executive Committee would like to award this certificate for your contribution
as one of the candidates for the Best Paper Award:

"Lightweight Concrete Bricks Produced From Industrial and Agricultural Solid Waste"

Delsye Teo Ching Lee

It is a great honour to have had your collaboration.
Many thanks for your never-ending support!

Professor Charles Shoniregun
WCST-2011 Steering Committee Chair

Sponsored by:



9 LIST OF RESEARCH ACTIVITIES

No.	Resercher	Co-Researcher	Grant Number	Research Title	Duration	Fund (RM)	Description
1.	Dr. Tay Kai Meng Geran <i>Exploratory Research Grant Scheme (ERGS)</i>	Prof. Dr. Ng Chee Khoon / Prof. Dr. Lim Chee Peng (USM) / Dr. Neoh Siew Chin (UNIMAP) / Dr. Nordiana Rajaee / Siti Nor Ain Musa	ERGS/02 (01)/807/2011(02)	<i>Development of a Fuzzy Novel Type-2 Fuzzy Logic Based Group Decision Support Model for the Local (Sarawak) Food Industry</i>	36 months (9 August 2011-8 August 2014)	94,000 (1 st Year-61,100) (2 nd Year-32,900)	Approved by KPT: JPT.S (BPKI)2000/09/01/018/(60) dated 22 Jun 2011. Memo Approved by RIMC: UNIMAS/TNC(PI)-04/09-01/13/01 (3) dated 9 August 2011.
2.	Prof. Madya Dr. Haji Mohd. Omar Abdullah Geran <i>Prototype Research Grant Scheme (PRGS)</i>	Dr. Ivy Tan Ai Wei / Dr. Leo Sing Lim (ICATS)	PRGS/1/11/TK/UNIMAS/02/01	<i>Biochemical Adsorption Compressor (MY-143033-a) Upgrading for Automobile Air-Conditioning System</i>	24 months (August 2011-July 2013)	417,000	Approved by KPT : JPT.S(BPKI)2000/09/01/017 Jld.3 (15) dated 23 September 2011.

No.	Resercher	Co-Researcher	Grant Number	Research Title	Duration	Fund (RM)	Description
3.	Prof. Mada Dr. Haji Mohd. Omar Abdullah Geran <i>Fundamental Research Grant Scheme (FRGS)</i>	Dr. Tay Kai Meng / Shanti Faridah Salleh / Prof. Madya Dr. Hussain H. Al-Kayiem (UTP)	FRGS/03 (06)/803/ 2011(72)	<i>Intellilgent Performance Optimization Framework for Collaborative Hybrid Energy System (I- PORCHES): Theoretical Development, Mathematical Formulation, Laboratory Experimentations and Applications</i>	36 months (2 August 2011- 1 August 2014)	175,200 (1 st Year- 140,161) (2 nd Year- 35,050)	Approved by KPT: JPT.S(BPKI)2000/0 9/01 Jld.11 (46) on 6 Jun 2011. Memo from RIMC: UNIMAS/TNC(PI)- 04/09-01/02 Jld.3 (26) on 2 August 2011.
4.	Dygku Salma Awg Ismail	Dr. Hajah Siti Noor Linda Taib / Prof. Dr. Kohilawatte Gamage Harry Chandra Nimal Seneviratne	02(S71)/ 799/2011 (05)	<i>Improved Determination of Physical Properties of Sarawak Fibrous Peat for Engineering Purposes</i>	12 months	7,500	-
5.	Prof. Dr. Amir Azam Khan Dana <i>Principal Investigator (DPI)</i>	Prof. Dr. Sinin Hamdan / Prof. Madya Ir Dr. Andrew Ragai Henry Rigit / Dr. Pang Suh Cem (FRST) / Dr. Syed Muhammad Kashif (IIUM) / Mohd. Farid Atan	02(DPI08)/ 824/2011 (08)	<i>Synthesis of Ceramic Nano Powders Through Sol Gel Process. Study of Morphology and Composition Changes with Post Treatment</i>	24 months (October 2011- September 2013)	54,000	Approved by RIMC during Mesyuarat JK Penyelidikan & Khidmat Bil.06/2011 Ke-74 on 14 December 2011
6.	Annie anak Joseph <i>Non-Funded Grant</i>	Ir David Bong Boon Liang	NF(F02)/ 153/2011 (01)	<i>Face Expression Classification Using Radial Basis Neural Network</i>	12 months (January 2011- December 2011)	-	-

No.	Resercher	Co-Researcher	Grant Number	Research Title	Duration	Fund (RM)	Description
7.	Kho Lee Chin <i>Non-Funded Grant</i>	-	NF(F02)/ 159/2011 (07)	<i>Contour Shapes and Gesture Recognition by Neural Network</i>	12 months (January 2011- December 2011)	-	-
8.	Nazeri Abdul Rahman <i>Non-Funded Grant</i>	Dr. Rubiyah Haji Baini / Yazid Izzuandi (pelajar)	NF(F02)/ 169/2011 (17)	<i>Implementation TOPSIS Method for Sustainable Biomass Waste Disposal Options in Sarawak Malaysia</i>	12 months (January 2011- December 2011)	-	-
9.	Nor Azalina Rosli <i>Non-Funded Grant</i>	-	NF(F02)/ 171/2011 (19)	<i>Study of Leachate And Groundwater Characteristics In Mambong Landfill Site, Kuching</i>	24 months (January 2010- December 2011)	-	-

No.	Title of Research	Name of Researchers	Grant/Amount (RM)
1	Micro-Hydro Development Project at Semulong Ulu, Sarawak.	1) Dr. Thelaha Haji Masri (Leader) 2) Associate Professor Dr. Azhaili Baharun 3) Associate Professor Dr. Al-Khalid Haji Othman 4) Dr. Hushairi Haji Zen 5) Dr. Wan Azlan Wan Zainal Abidin	RM1,645,600.00 (12 months-starting June 2011)
2	Micro-Hydro Development Project at Nanga Sengaih	1) Dr. Hushairi Haji Zen (Leader) 2) Associate Professor Dr. Azhaili Baharun 3) Dr. Thelaha Haji Masri 4) Associate Professor Dr. Al-Khalid Haji Othman 5) Dr. Wan Azlan Wan Zainal Abidin	RM1,772,000.00 (12 months-starting June 2011)
3	Green Energy Island (GEI) Research Project	1) Associate Professor Dr. Azhaili Baharun 2) Associate Professor Dr. Al-Khalid Haji Othman 3) Associate Professor Ir Dr. Andrew Ragai Henry Rigit 4) Dr. Thelaha Haji Masri 5) Dr. Hushairi Haji Zen 6) Dr. Wan Azlan Wan Zainal Abidin 7) Dr. Kismet Hong Ping 8) Ir Ting Sim Nee 9) Madam Rosmina Ahmad Bustami 10) Miss Rohaida Affandi 11) Abang Mohammad Nizam Abang Kamaruddin 12) Ahmad Kamal Abdul Aziz 13) Hazrul Mohamed Basri	RM605,000.00 (12 months-start July 2011)

10 ACADEMIC RELATED ACTIVITIES

No	Activities	Date	Venue
1	Sumbangsaan Fakulti Kejuruteraan	29-30 January 2011	Santubong Resort, Kuching, Sarawak
2	Lawatan Pemeriksa Luar Jabatan Kejuruteraan Sivil & Ceramah berkenaan <i>"How to Develop a Research Profil"</i>	9-10 February 2011	Faculty of Engineering, UNIMAS
3	Aktiviti Unit Kursus Generik - Ceramah Seminar Usahawan	14 February 2011	Faculty of Engineering, UNIMAS
4	Sumbangsaan Pelan Tindakan Budaya Cemerlang	23 February 2011	Riverside Majestic Hotel, Kuching
5	Kem Survei Kejuruteraan	26-27 February	Faculty of Engineering, UNIMAS
6	Ceramah peringkat Jabatan oleh En Yiap Tea Sin dari G-Energy, Pulau Pinang bertajuk <i>"Fuel Cell Technology"</i>	24 February 2011	Faculty of Engineering, UNIMAS
7	Kem Survei Kejuruteraan	5-6 March 2011	Faculty of Engineering, UNIMAS
8	Kem Survei Kejuruteraan	12-13 March 2011	Faculty of Engineering, UNIMAS
9	Lawatan Pemeriksa Luar Jabatan Kejuruteraan Elektronik iaitu Prof Takeshi Takenaka	28-30 March 2011	Faculty of Engineering, UNIMAS
10	Bengkel Unit Akreditasi	29 March 2011	Faculty of Engineering, UNIMAS
11	Lawatan Pemeriksa Luar Jabatan Kejuruteraan Kimia & Sustainability Tenaga iaitu Prof Ir Dr Mohd Sobri Takriff	30-31 March 2011	Faculty of Engineering, UNIMAS
12	Bengkel Pengurusan Cuti Belajar	7 April 2011	Riverside Majestic Hotel, Kuching
13	Signing MOU with ETI Sdn Bhd	11 April 2011	Kuala Lumpur
14	Workshop on InMinds	12-13 April 2011	UNIMAS
15	Lawatan Penilaian Luar ke Jabatan Kejuruteraan Mekanikal & Pembuatan	26-27 April 2011	Faculty of Engineering, UNIMAS
16	Lawatan Teknikal oleh staf teknikal Jabatan ke Institut Latihan Perindustrian (ILP) Kota Samarahan	18 May 2011	Institut Latihan Perindustrian (ILP) Kota Samarahan

17	<i>Technical Talk</i> yang bertajuk <i>Electrical Safety and Protection</i> oleh Ir Prashobh Karunakaran	14 June 2011	Bilik <i>Theatre Multimedia</i> (TMM), Fakulti Kejuruteraan
18	Lawatan wakil dari Fakulti Kejuruteraan Universitas Indonesia iaitu Prof Madya Muhammad Idrus Alhamid ke Jabatan Kejuruteraan Kimia & Sustainability Tenaga	14 June 2011	Faculty of Engineering, UNIMAS
19	Program Motivasi SK Tabuan Jaya	16 June 2011	Faculty of Engineering, UNIMAS
20	Training of Trainers Workshop	30 June 2011	UPM, Serdang, Selangor
21	Taklimat 'Postgraduate Academic Regulation Book' Bersama pihak Pusat Pengajian Siswazah	29 June 2011	Bilik Mesyuarat Utama, Faculty of Engineering, UNIMAS
22	Aktiviti Unit Perancangan Strategik Fakulti - Bengkel <i>UNIMAS Balance Scorecard (BSC) & Logical Framework</i>	4 July 2011	Theatre Multimedia Room, Faculty of Engineering, UNIMAS
23	Pemurnian Bengkel Pengurusan Cuti Belajar "Ke Arah Merealisasikan MyBrain 15"	4 July 2011	Pullman Hotel, Kuching
24	Workshop on Striving Academic Excellence	4 July 2011	Pullman Hotel, Kuching
25	Program Motivasi di SK Ibnu Khaldun Kota Samarahan	7 July 2011	Faculty of Engineering, UNIMAS
26	Program Jerayawara bersama Fakulti untuk pelajar asasi bagi kemasukan 2011/2012 sesi pertama	13 July 2011	CTF, UNIMAS
27	Kursus singkat Jabatan • Langkah-langkah Keselamatan Pengendalian Bahan Kimia	13 July 2011	Faculty of Engineering, UNIMAS
28	Kursus singkat Jabatan • Kursus Asas Kimpalan Arka	20 July 2011	Faculty of Engineering, UNIMAS
29	Lawatan Pemeriksa Luar Jabatan Kejuruteraan Sivil bagi M.Eng (Civil) iaitu Prof Madya Dr Sobri Harun (UTM)	20-21 July 2011	Faculty of Engineering, UNIMAS
30	Bengkel Pemurnian Module OBE Fakulti Kejuruteraan	22 July 2011	Bilik Mesyuarat Utama, Faculty of Engineering, UNIMAS
31	Lawatan Benchmarking ke UiTM	26-28 July 2011	UiTM, Shah Alam, Selangor
32	Public Lecture oleh Dr John L Provis, dari University of Melbourne	28 July 2011	Faculty of Engineering, UNIMAS
33	Signing MOU with EPC Sdn Bhd	17 August 2011	Grand Margharita Hotel, Kuching

34	Bengkel <i>OBE</i>	13 September 2011	Bilik Mesyuarat Utama, Faculty of Engineering, UNIMAS
35	Aktiviti penyemakan <i>Self-Assessment Review</i> (SAR) Jabatan Kejuruteraan Kimia & Sustainability Tenaga (JKKST) - Unit Akreditasi FK	20 September 2011	Faculty of Engineering, UNIMAS
36	Aktiviti penyemakan <i>Self-Assessment Review</i> (SAR) Jabatan Kejuruteraan Kimia & sustainability Tenaga (JKKST) - Pengurusan Tertinggi FK	22 September 2011	Faculty of Engineering, UNIMAS
37	Bengkel Strategic Planning	25 October 2011	Grand Margharita Hotel, Kuching
38	Lawatan audit makmal Jabatan Kejuruteraan Kimia & sustainability Tenaga	5 October 2011	Faculty of Engineering, UNIMAS
39	Taklimat Bersama Pelajar Siswazah FK	7 Oktober 2011	Bilik Pascasiswazah, Tingkat 2, FK
40	Lawatan oleh Prof. John Senior, Pro Vice-Chancellor (Research), University of Hertfordshire, UK	13 Oktober 2011	Bilik Mesyuarat Utama, Faculty of Engineering, UNIMAS
41	Kolokium Pascasiswazah	20 Oktober 2011	Multi Purpose Hall, Level G, Faculty of Engineering, UNIMAS
42	Engineering Career Fair 2011	19 Oktober 2011	Faculty of Engineering, UNIMAS
43	CAIS Postgraduate Exhibition 2011	20-23 Oktober 2011	CAIS
44	Lawatan audit makmal Lawatan audit makmal Jabatan Kejuruteraan Sivil	26 October 2011	Faculty of Engineering, UNIMAS
45	Orientasi Bersama Pelajar Tahun 1, Jabatan Kejuruteraan Mekanikal & Pembuatan	29-30 Oktober 2011	Pantai Pandan
46	Lawatan oleh Dr. Tanaka & Prof. Fukuya dari Universiti Yamaguchi, Jepun	12-13 September 2011	Bilik Mesyuarat Utama, Faculty of Engineering, UNIMAS
47	Lawatan audit makmal Jabatan Kejuruteraan Mekanikal & Pembuatan	9 November 2011	Faculty of Engineering, UNIMAS
48	Signing MOU with Shibaura Institute of Technology, Japan	22 November 2011	UNIMAS, Kota Samarahan
49	Lawatan oleh Delegasi Universiti Yamaguchi & Universiti Tokuyama, Jepun	16 November 2011	Bilik Mesyuarat Utama, Faculty of Engineering, UNIMAS
50	Aktiviti penyemakan <i>Self-Assessment Review</i> (SAR) Jabatan Kejuruteraan Kimia & Sustainability Tenaga	20 November 2011	Faculty of Engineering, UNIMAS

	(JKKST)/ Jabatan Kejuruteraan Elektronik (JKE)/ Jabatan Kejuruteraan Mekanikal & Pembuatan (JKMP)/ Jabatan Kejuruteraan Sivil (JKS) - Unit Akreditasi FK		
51	“Talk” oleh <i>ASHRAE Malaysia Chapter</i> (American Society of Heating, Refrigerating and Air-Conditioning Engineers) - Jabatan Kejuruteraan Mekanikal & Pembuatan	26 November 2011	Dewan Kuliah, CTF1, UNIMAS
52	ENCON 2011	30 November - 1 December 2011	Riverside Majestic Hotel, Kuching
53	Hari Orientasi Pelajar Tahun 1 Jabatan Kejuruteraan Sivil	4 December 2011	One Hotel Santubong
54	Perbincangan khas KPIs telah dikenalpasti untuk dijadikan <i>Logical Framework</i> (LF) dan dimasukkan ke dalam sistem PerformS	5 December 2011	Faculty of Engineering, UNIMAS
55	Sumbangsaran “Striving Academic Excellence”	6-7 December 2011	Riverside Majestic Hotel, Kuching
56	Lawatan audit makmal Jabatan Kejuruteraan Elektronik	7 December 2011	Faculty of Engineering, UNIMAS

11 STUDENT'S ACTIVITIES

No	Activities	Date	Venue
1	Student trip to Community Broadband Center, Lundu	12 January 2011	Community Broadband Center
2	Seminar Kepenggunaan Di Kalangan Pelajar IPT Anjuran Persatuan Ekonomi Pengguna & Keluarga Malaysia	15 January 2011	Harbour View Hotel, Kuching
3	Program Pendedahan Penyelidikan Kejuruteraan dan Lawatan Sambil Belajar	20-23 January 2011	Sekolah Kejuruteraan dan Teknologi Maklumat, UMS
4	Visit to black paper factory	16 March 2011	Black Paper Factory
5	Program Festival Akademik Faculty of Engineering	22 March 2011	Faculty of Engineering, UNIMAS
6	UNIMAS Engineering Week 2011	22-25 March 2011	Faculty of Engineering, UNIMAS
7	Green Week, Faculty of Engineering	22-25 March 2011	Perkarangan Faculty of Engineering
8	Engineering Green Race 2011	23 March 2011	Faculty of Engineering, UNIMAS
9	Majlis Pelancaran Buku Anjuran Yayasan Perpaduan Sarawak dengan kerjasama (AZAM Sarawak)	29 March 2011	Pullman Hotel, Kuching
10	Assist IEM National Summit 2011	25-27 March 2011	Kuching
11	Program Pemimpin Muda - Ke Arah Peningkatan Bangsa	1 April 2011	Bilik Aktiviti, Aras G, HEPA
12	Minggu Kebudayaan Faculty of Engineering UNIMAS	4-6 April 2011	Kawasan sekitar Faculty of Engineering
13	Faculty of Engineering Banquet Dinner , "Engine Nite" 2011	8 April 2011	The Banquet, Kuching
14	Majlis Ramah Mesra Anak Perak Bersama Menteri Besar Perak	8 April 2011	The Banquet, Kuching
15	Pertandingan International Engineering Invention & Innovation Exhibition 2011 (ENVEX 2011)	8-10 April 2011	Dewan 2020, Kangar Perlis
16	Kejohanan Futsal IPT, Piala Menteri Pengajian Tinggi 2011	22-25 September 2011	Dewan Futsal, UNIMAS
17	UMS-UNIMAS industrial visit to XFAB	6 May 2011	XFAB

No	Activities	Date	Venue
18	Hari Aluan Siswa, Faculty of Engineering	8 September 2011	DeTar Putra, UNIMAS
19	Asia Pacific Universities Build-And-Break Competition 2011	1 October 2011	Dewan Sri Sarjana, UNITEN
20	IEM Motivation Talk, SK Pinang, Bau	14 October 2011	UNIMAS
21	Orientation for First Year Student of Chemical Engineering Programme Session 2011/2012	14-16 October 2011	Rambungan
22	Engineering Career Fair	19 October 2011	Trans Resources, TR 1 Tokuyama, TR 2 Taiyo Yuden, TR 3 Press Metal, TR 4 IEM, Ruang Serbaguna Home Lite, TR 5 X-FAB, TR7 Toho Titanium, TMM
23	Program 88@PANTUN.UNIMAS.MY organized by Sekretariat Rakan Integriti	20-23 October 2011	Bilik Aktiviti, Level G, HEPA
24	Bazaar Konvo	21-23 October 2011	Faculty of Engineering, UNIMAS
25	REAM Education Fund	21 October 2011	Kuala Lumpur
26	IEM SAFE student assist on IEM Talk	22 October 2011	Faculty of Engineering, UNIMAS
27	Faculty of Engineering Mentor Mentee Day	2 November 2011	1. DK, CTF 1 (for Mechanical Department) 2. Ruang Serbaguna, Level G, FK (for Civil Department) 3. Computer Lab, Chemical Building (for Chemical Department) 4. Optoelektronik Lab, FK (for Electronic Department)
28	SAFE Election	30 November 2011	Faculty of Engineering, UNIMAS
29.	Career Talk By Ashrae	26 November 2011	Lecture Hall, CTF 1
30.	Annual Grand Meeting of Student Association	14 December 2011	Lecture Hall, CTF 1
31	SAFE Dinner 2011	8 April 2011	The Banquet, Kuching

11.1 COMPETITION'S AND AWARD'S

No	Student Name	Program	Award	Category	Year
1	Ahmad Faizan Sulaiman	Elektronik Telekomunikasi	International Engineering Invention and Innovation Exhibition (i-INVEX 2011)	Gold Medal	8-10 April 2011
2	Zulkifli Sani	Elektronik Telekomunikasi	International Engineering Invention and Innovation Exhibition (i-INVEX 2011)	Gold Medal	8-10 April 2011
3	Peter Liefmart	Elektronik Telekomunikasi	International Engineering Invention and Innovation Exhibition (i-INVEX 2011)	Silver Medal	8-10 April 2011
4	Alan Bong Kim Ming	(Program Kejuruteraan Mekanikal dan Pembuatan)	International Engineering Invention and Innovation Exhibition (i-INVEX 2011)	Bronze Medal	8-10 April 2011
5	Abdul Azim Bin Ahmad Zaini	(Program Kejuruteraan Sivil)	Anugerah Kecemerlangan ZECON 2011	Anugerah Cemerlang	10/12/2011
6	Jasmeer Zaisufir Sufian	(Program Kejuruteraan Sivil)	Anugerah Kecemerlangan ZECON 2011	Anugerah Cemerlang	10/12/2011
7	Azizan Azwan Bin Sapuan	(Program Kejuruteraan Mekanikal dan Pembuatan)	Anugerah Kecemerlangan ZECON 2011	Anugerah Cemerlang	10/12/2011
8	Maisyarah Binti Rosli	(Program Kejuruteraan Mekanikal dan Pembuatan)	Anugerah Kecemerlangan ZECON 2011	Anugerah Cemerlang	10/12/2011
9	Hershel Saba Laman	Elektronik Telekomunikasi	Anugerah Kecemerlangan ZECON 2011	Anugerah Cemerlang	10/12/2011
10	Yusri Bin Jumat	Elektronik Telekomunikasi	Anugerah Kecemerlangan ZECON 2011	Anugerah Cemerlang	10/12/2011
11	Kueh Yi Lin	Elektronik Komputer	Anugerah Kecemerlangan ZECON 2011	Anugerah Cemerlang	10/12/2011
12	Kelvin Yong Hong Chien	Elektronik Komputer	Anugerah Kecemerlangan ZECON 2011	Anugerah Cemerlang	10/12/2011

13	CHUA KIM ENG	Program Kejuruteraan Sivil	Anugerah Pendidikan Diraja	Anugerah Cemerlang	23/10/2011
14	LAU EE LI	Program Kejuruteraan Sivil	Anugerah Khas Senat 2011	Anugerah Cemerlang	23/10/2011
15	KIU PEY JING	Program Kejuruteraan Sivil	Anugerah Khas Senat 2011	Anugerah Cemerlang	23/10/2011
16	ALEX WONG YIK KHAI	Program Kejuruteraan Mekanikal dan Pembuatan	Anugerah Khas Senat 2011	Anugerah Cemerlang	23/10/2011
17	Loh Ee Yong	Program Kejuruteraan Mekanikal dan Pembuatan	DiGi Deep Green Challenge for Change	Silver Medal	4 Mac 2011
18	Teh Chin Ying	Elektronik Telekomunikasi	DiGi Deep Green Challenge for Change	Silver Medal	4 Mac 2011
19	Ting Ching Hung	Program Kejuruteraan Mekanikal dan Pembuatan	DiGi Deep Green Challenge for Change	Silver Medal	4 Mac 2011
20	Ang Wei Herng	Program Kejuruteraan Mekanikal dan Pembuatan	DiGi Deep Green Challenge for Change	Silver Medal	4 Mac 2011
21	Fong Boon Shiuan	Program Kejuruteraan Mekanikal dan Pembuatan	DiGi Deep Green Challenge for Change	Silver Medal	4 Mac 2011
22	Chua Kim Eng	Program Kejuruteraan Sivil	DiGi Deep Green Challenge for Change	Silver Medal	4 Mac 2011
23	Fatin Nadzirah binti Jeman	Program Kejuruteraan Sivil	DiGi Deep Green Challenge for Change	Silver Medal	4 Mac 2011
24	Jane Lau Sze Sze	Program Kejuruteraan Sivil	DiGi Deep Green Challenge for Change	Silver Medal	4 Mac 2011
25	Wu Wai Hong	Program Kejuruteraan Mekanikal dan Pembuatan	DiGi Deep Green Challenge for Change	Silver Medal	4 Mac 2011
26	Ahmad Fikri bin Mahmood	Program Kejuruteraan Sivil	DiGi Deep Green Challenge for Change	Silver Medal	4 Mac 2011

11.2 COMPETITION'S AND AWARD'S CERTIFICATE





Asian Caucus of Invention Associations

CERTIFICATE OF AWARD

This is to certify that

AHMAD FAIZAN SULAIMAN, ZULKIFLI SANI, DR. AL-KHALID BIN OTHMAN (SUPERVISOR)

has been awarded the

ENVEX 2011 GOLD MEDAL

for the invention

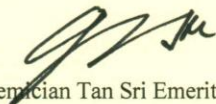
NEW INNOVATION IN HYDRO POWER GENERATION

at the

**International Engineering Invention & Innovation
Exhibition – i-ENVEX 2011**

held from

8th – 10th April 2011


Academician Tan Sri Emeritus Professor Datuk
Dr. Augustine S. H. Ong
President
Malaysian Invention and Design Society





12 LIST OF ACADEMIC STAFF & QUALIFICATIONS

Name	Qualifications
Professor Dr Wan Hashim Wan Ibrahim	PhD (Civil Engineering) (Purdue University) MSc (Civil Engineering) (Purdue University) BSc (Civil engineering) (Purdue University)
Professor Ir. Dr Law Puong Ling	Post-Doctoral (United States Environmental Protection Agency, RTP, NC, USA) ScD (Environmental) (University of Massachusetts, USA) MSc (Environmental) (University of Massachusetts, USA) MSc (Civil) (University of Massachusetts, USA) BSc (Civil) (University of North Dakota, USA)
Professor Dr F.J. Putuhena	PhD (Civil Engineering)(State University of New York at Buffalo, USA) MSc (Engineering Hydrology) (New Castle upon Tyne, UK) Ir. (Civil Engineering)(University of Indonesia, Jakarta)
Professor Dr Ng Chee Khoon	Ph.D. (National University of Singapore) B.Eng. (Hons.) Civil (UTM)
Professor Dr Shenbaga Rajaratnam Kaniraj Jeyachandran	Ph.D. (Geotechnical Engineering) (Indian Institute of Science, Bangalore) M.Eng (Soil Mechanics and Foundation Engineering) (Indian Institute of Science, Bangalore) M.Tech (Systems and Management) (Indian Institute of Technology, Delhi) B.Eng (Civil Engineering) (Madras University, India)
Associate Professor Dr Mohammad Ibrahim Safawi Mohd Zain	PhD (Concrete) (Tohoku University, Japan) MEng (Fluid Mechanics) (Centerbury University) BEng (Hons) (Civil & Structural) (Sheffield University)
Associate Professor Dr Azhaili Baharun	PhD (Building Engineering – Energy Efficiency) (University of Leeds, UK) BSc (Hons) (Civil Engineering) (University of Hartford, USA)
Dr Siti Noor Linda Taib	PhD (Geotechnical Engineering)(University of Manchester, United Kingdom) BSc (Civil Engineering) (Case Western Reserve University, Ohio, USA)

Name	Qualifications
Dr Delsye Teo Ching Lee	PhD (Civil Engineering) (Universiti Malaysia Sabah) BEng (Civil and Construction) (Curtin University of Technology, Perth) DipEng (Civil Engineering) (Inti College Malaysia)
Dr Onni Suhaiza Selaman	MEng (Engineering Management)(UTM) BEng (Hons)(Civil Engineering)(UTM) DipEng (Civil Engineering) (UTM)
Dr Siti Halipah Ibrahim	PhD (University of Leeds, UK) M.Sc (Housing) (University of Science Malaysia, Penang) B.Sc.(HBP) (University of Science Malaysia, Penang)
Abdul Razak Abdul Karim	MSc Structural Engineering, Cardiff University, Wales, UK. BEng (Hons) Civil Engineering, Universiti Malaysia Sarawak.
Norazzlina M. Sa'don	MSc (Distinction) Civil Engineering, Cardiff University, Wales, UK. BEng (Honours) Civil Engineering, Universiti Malaysia Sarawak.
Ir. Ting Sim Nee	MEng (Engineering Management) (RMIT University, Melbourne) BEng (Hons) (Civil Engineering) (University of Melbourne) Victorian Certificate of Education (Wesley College, Melbourne)
Rosmina Ahmad Bustami	MEng Civil Engineering (Hydraulics) (UNIMAS) BEng (Hons)(Civil Engineering)(UNIMAS)
Abd Azim Abdullah	MEngSc (Structural Engineering) (University of New South Wales) BEng (Hons) (Civil Engineering) (UKM)
Ahmad Kamal Abdul Aziz	MEng (Geotechnical Engineering)(University of Manchester) BEng (Hons)(Civil Engineering)(University Teknologi Mara)
Azida Rashidi	MEng (Civil) (Uni of Canterbury) BEng (Hons) (Civil) (Salford University)
Dygku Salma Awg Ismail	MSc. (Geotechnique)(UiTM, Shah Alam) BEng (Hons)(Civil Engineering)(UiTM, Shah Alam) Dip (Civil Engineering) (UiTM, Kota Samarahan)
Gaddafi Ismaili	MSc (Structural Engineering) (USM) BEng (Hons) (Civil Engineering) (UNIMAS) DipEng (Civil Engineering) (UiTM) Pre-Science (ITM)
Larry Silas Tirau	MEng (Civil- Highway And Transportation)(UTM) BEng (Hons) (Civil)(UTM)
Nor Azalina Rosli	MSc. (Environmental Engineering) (USM) BEng (Hons) (Civil Engineering) (USM)

Name	Qualifications
Norazlina Bateni	MEng (Civil-Hydrology and Water Resources) (UTM) BEng (Hons) (Civil Engineering) (UNIMAS)
Norsuzailina Mohamed Sutan	MSc (Structural Engineering and Construction)(UPM) BSc (Civil Engineering)(CSULB,USA)
Ron Aldrino Chan @ Ron Beking	MSc (Road Management and Engineering) (with merit) (University of Birmingham) BEng (Hons) (Civil) (UNIMAS) Diploma (Civil Engineering) (UTM)
Rohaida Affandi	MSc (Construction Management) (UTM) BSc (Construction Management) (UTM)
Dr Leonard Lim Lik Pueh	PhD (Environmental Geotechnics) (Cantab) MEng (Civil - Environmental Management)(UTM) BEng (Civil - Environmental)(UTM) Post-Doc (USM)
Dr Darrien Mah Yau Seng	PhD (Water Resources Engineering) (UNIMAS) MEng (By Research) (Civil Engineering) (UNIMAS) BEng (Hons) (Civil Engineering) (UNIMAS) Diploma in Civil Engineering (Politeknik Ungku Omar, Ipoh)
Charles Bong Hin Joo	Graduate Engineer (Civil),IEM, BEM. MEng (Civil-Hydraulics & Hydrology) (UTM). BEng (Hons) (Civil) (UNIMAS). Dip. (Civil) (Polytechnic Kuching).
Jethro Henry Adam	MEng (Environmental Engineering)(University of Newcastle upon Tyne, UK) BEng (Hons)(Civil Engineering)(USM)
Idawati Ismail	MEng (Civil and Structure) (UTM, Johor) BEng (Hons) (Civil Engineering) (UTM, Johor)
Mohamad Raduan Kabit	MSc. In Transport Planning and Engineering (University of Southampton, U.K.) BEng (Hons)(Civil Engineering)(Universiti Malaysia Sarawak, Malaysia)
Zamri Bujang	MSc (Highway and Transport Engineering) (University Putra Malaysia) Bachelor (Hons.) (Surveying Science and Geomatic) (Universiti Teknologi MARA)
Fauzan Sahdi	Tutor (On Study Leave)
Raudhah Ahmadi	Tutor (On Study Leave)
Associate Professor Dr Al-Khalid Hj Othman	PhD (Digital Signal Processing - Underwater Acoustic Networks) (University of Newcastle, UK) MSc (Information Technology- Digital)(Nottingham University) BEng (Hons)(Electrical and Electronic Engineering)(Nottingham Trent University)

Name	Qualifications
Dr Wan Azlan Wan Zainal Abidin	PhD (Computer Science & Communication) (Kyushu University, Japan) MEng (Telecommunication)(University of Technology Sydney, Australia BEng (Hons)(Electronics and Communication)(University of Bristol, UK)
Dr Thelaha Masri	PhD (Electrical Engineering) (UTM) MEng (Electronics & Telecommunication) (UNIMAS) BEng (Hons) (Electronics & Telecommunication) (UNIMAS) Dip. (Electrical Engineering) (UiTM)
Dr Hushairi Zen	MEng (Electronic and Telecommunication) (UNIMAS) BEng (Hons) (Electronic and Telecommunication) UNIMAS
Dr Kismet Hong Ping	PhD (Systems Science) (Nagasaki University, Japan) MSc (Digital Communication Systems) (Loughborough University, UK) BEng (Hons) (Electronics and Telecommunication Engineering) UNIMAS
Sakena Abdul Jabar	MPhil (Optical Communication Engineering) (University of Hertfordshire, Hatfield, UK) M.Sc (Optoelectronic Systems), MMU, Manchester, UK B.Sc Hons (Industrial Physics), UTM, Skudai, Johor Diploma In Science, UITM, Shah Alam
Kasumawati Lias	MEng (Electric-Electronic & Telecommunication)(UTM) BEng (Hons)(Electronic & Telecommunication Engineering)(UNIMAS)
Mohd Faizrizwan Mohd Sabri	MEng (Electronic)(La Trobe, AUS) BEng (Electric & Electronic)(Nagasaki, JPN)
Ng Liang Yew	MSc (Electrical Engineering) BSc (Electrical Engineering)
Nurdiani Zamhari	MEng (Electric-Electronic & Telecommunication)(UTM) BEng (Hons) (Microelectronic Engineering)(UKM)
Sharifah Masniah Wan Masra	MSc (Electronic)(Cardiff, UK) BEng (Hons)(Telecommunication)(UM)
Ir. David Bong Boon Liang	MSc (Computer Control & Automation)(NTU, Singapore) BEng (1st Class Hons)(Electrical Engineering)(UTM)
Ade Syaheda Wani Marzuki	MEng (Electric-Electronic & Telecommunication)(UTM) BEng (Hons)(Electronic & Telecommunication Engineering)(UNIMAS)

Name	Qualifications
Hazrul bin Mohamed Basri	MEng (Electrical Engineering)(Universite de Technologie de Belfort Montbeliard, France) BEng (Hons)(Electrical Engineering)(Universite de Technologie de Belfort Montbeliard, France)
Martin Anyi	MEng (Computer and Telecommunication)(UKM) BEng (Hons)(Electronics and Telecommunication)(UNIMAS)
Ngu Sze Song	MEng (Electrical Engineering)(University of Adelaide, South Australia) BEng (Hons)(Electronics Engineering)(Multimedia University, Cyberjaya)
Norhuzaimin July	MSc (Advanced Electronic Engineering)(Warwick, UK) BSc (Hons)(Electrical and Computer Engineering)(Ohio State University)
Dayang Azra Awang Mat	MEng (Computer and Communication) (UKM) BEng (Hons) (Electronic and Telecommunication) (UNIMAS)
Rohana Sapawi	MSc (Microelectronics) (UKM) BEng (Hons) (Electrical and Electronics) (UPM)
Dyg Nur Salmi Dharmiza Awg Salleh	Tutor (On Study Leave)
Hazmi Hijazi Abdul Halim	Tutor (On Study Leave)
Abdul Hafiz Abdul Karim	Tutor (On Study Leave)
Azfar Satari Abdullah	BEng(Electronics & Telecommunication Engineering) (UNIMAS)
Dr Mohd Saufee Muhammad	DEng (DNA Computing) (Mayji University, Japan) MSc (Electrical) (Western Michigan University, US) BEng (Hons) (Electronic Computer System) (Salford University, UK) Diploma (Electrical Engineering - Power) (UTM, Malaysia)
Dr Tay Kai Meng	PhD in Electrical and Electronic Engineering, USM, Malaysia Master of Science in Electrical and Electronic Engineering, USM, Malaysia Bachelor of Engineering (Hons) in Electrical and Electronic, University of Hertfordshire, UK
Dr Nordiana Rajaee	PhD (DNA Computing) (Mayji University, Japan) MSc (Microelectronics) (University of Newcastle Upon Tyne) BSc (Hons) Electronics and Information Engineering (Kyushu Institute of Technology)
Maimun Huja Husin	MEng (Electric - Mechatronics & Automatic Control) (UTM) BEng(Electronics & Telecommunication Engineering) (UNIMAS)

Name	Qualifications
Asrani Lit	MEng (Electrical - Microelectronics & Computer System) (UTM) BEng (Hons) (Computer Engineering) (UTM)
Shafrida Sahrani	M.Eng (Computer Sciences - Mobile Networks)(Tokyo University of Technology, Japan) B.Eng (Information Networks)(Tokyo University of Technology, Japan)
Shamsiah Suhaili	MSc. (Electrical & Electronic Engineering)(USM) BEng. (Hons)(Electrical& Electronic Engineering)(USM)
Annie Joseph	Msc (Mathematics) (USM, Malaysia) BEng (Hons) (Electrical Engineering) (Kuittho, Malaysia)
Kuryati Kipli	MSc. Electronic and Computer Engineering (University of Birmingham, UK) BEng(Hons) Electronic and Computer Engineering (UNIMAS)
Siti Kudnie Sahari	MSc (Microelectronics)(Universiti Kebangsaan Malaysia) BEng (Hons)(Electronics and Telecommunication Engineering)(UNIMAS)
Tengku Mohd Afendi Zulcaffle	MSc. (Intelligent Systems) (UPM) BEng (Hons) (Electronics/Computer) (UPM)
Kho Lee Chin	MEng Electrical Engineering (Adelaide University, Australia) BEng (Hons)Electronics Engineering(Multimedia University, Malaysia)
Professor Dr Amir Azam Khan	Palmer Academics, TWAS Laureate 2001 PhD (Materials and Surface Engineering) (University of Limoges, France) Masters ((Materials and Surface Engineering) (University of Limoges, France) BEng (Metallurgical Engineering and Materials Science), (UET, Pakistan)
Professor Dr Sinin bin Hamdan	PhD Materials Mechanics (Loughborough England) M Sc (Welding) (Brunel University of West London) BSc (Hons) (Physics) (UKM)
Associate Professor Ir. Dr Andrew Ragai Henry Rigit	Coporate Member (Mechanical), IEM Professional Engineer (Mechanical), BEM PhD (Mechanical) (London), DIC (Fluid Dynamics) (Imperial College) MEng (Mechanical) (UNIMAS) BEng (Hons) (Mechanical) (City Uni.)
Associate Professor Dr M. Shahidul Islam	PhD (Manufacturing Operations) (Dublin City University, Ireland) MEng (Industrial and Production Engineering) (Bangladesh University of Engineering & Technology) B.Sc (Mechanical Engineering) (Bangladesh University of Engineering & Technology)

Name	Qualifications
Ir. Dr Mohammad Shahril Osman	PhD (Mechanical Engineering)(Loughborough University, UK) BEng (Hons)(Mechanical Engineering)(Loughborough University, UK)
Dr Abu Saleh Ahmed	PhD (Energy) (Kyoto University, Kyoto) MEng (Mechanical) (UM, Kuala Lumpur) BScEng (Hons) (Mechanical) (BUET, Dhaka) Member of Institute of Engineers Bangladesh (MIEB)
Dr Abdullah Yassin	BEng (Hons) (Mechanical engineering and Materials) (UKM) MSc (Computer Integrated Manufacturing) (Loughborough University) Dr. Eng (Marchhining) (Kanazawa University)
Dr Magdalene Andrew Munot	PhD (Remanufacturing) (Monash University, Australia) MSc (Manufacturing System Engineering) (UPM) BEng (Hons) (Chemical & Bio Process Engineering) (Bath University, UK)
Dr Syed Tarmizi Syed Shazali	MSc (Eng) (Advanced Manufacturing Systems) (Liverpool) BEng (Hons) (Mechanical) (UiTM) Diploma in Mechanical Eng (UTM)
Ervina Junaidi	MSc (Mechanical Engineering)(University of Leeds, UK) BEng (Hons)(Mechanical and Manufacturing Systems Engineering)(UNIMAS) Dip. (Mechanical Engineering) (UTM)
Dr Mohd Danial Ibrahim	Dr. Eng (Science & Technology) (Tokai University, Japan) MEng (Mechanical Engineering) (Tokai University, Japan) BEng (Hons) (Mechanical Engineering) (Tokai University, Japan) Grad IEM
Abang Mohd Nizam Abang Kamaruddin	MEng (Mechanical Engineering) (University of Adelaide, Australia) BEng (Hons) (Mechanical Engineering & Manufacturing System) (UNIMAS) Dip. (Mechanical Engineering) (Kuching Polytechnic)
Mohamad Iskandar Jobli	MSc (Energy)(Heriot Watt, Edinburgh) BEng (Hons)(Mechanical and Manufacturing Systems Engineering)(UNIMAS)
Noor Hisyam Noor Mohamed	MEng (Mechanical System Engineering)(Takushoku University, Tokyo) BEng (Hons)(Mechanical System Engineering)(Takushoku University, Tokyo)

Name	Qualifications
Shirley Johnathan Tanjong	M.Sc (Mechanical Engineering-Manufacturing Modeling)(University of Bath,UK) BEng (Hons) (Mechanical Engineering)(Universiti Tenaga Nasional)
Siti Nor Ain Musa	MEng (Mechanical System Engineering)(Gunma University, Japan) BEng (Mechanical System Engineering)(Gunma University, Japan)
Dr Nicholas Kuan Hoo Tien	PhD (Engineering) (The University of Liverpool, UK) MSc (Advanced Engineering Materials) (The University of Liverpool, UK) BEng (Hons)(Materials Engineering) (Universiti Sains Malaysia)
Annisa Jamali	Tutor
Shahrol Mohamaddan	MEng (Mechanical Engineering)(Shibaura Institute of Technology, Japan) BEng (Mechanical Engineering 2)(Shibaura Institute of Technology, japan)
Rasli Muslimen	MSc. (Manufacturing)(Conventry,UK) BEng (Hons)(Mechanical Engineering - Aeronautic)(UTM, Skudai)
Ana Sakura Zainal Abidin	MSc. (Automotive Engineering)(Conventry, UK) BEng (Mechanical Engineering)(UTM, Skudai)
Marini Sawawi	MEng (Mechanical Engineering) (UTM) BEng (Mechanical Engineering & Manufacturing Systems)(UNIMAS)
Nur Tahirah Razali	MEngSc (Mechanical and Manufacturing - Mechanical)(UNSW, Sydney) BEng (Hons)(Mechanical and Manufacturing System)(UNIMAS)
Mahshuri Yusof	MSc (Materials for Engineering Applications)(University of Surrey, UK) BEng (Hons)(Mechanical Engineering & Manufacturing Systems)(UNIMAS)
Aidil Azli Alias	MEng (Mechanical) (Ehime University) BEng (Mechanical) (Ehime University)
Hishammudin Afifi Huspi	Tutor (On Study Leave)
Mohd Azrin Mohd Said	BEng (Hons) (Mechanical Eng. & Manufacturing System)(UNIMAS)
Mohd Fareez Edzuan Abdullah	Tutor (On Study Leave)
Ahmad Adzlan Fadzli Khairi	Tutor (On Study Leave)
Mohd Syahmi Jamaludin	Tutor (On Study Leave)
Muhamad Fadzli Ashari	Tutor (On Study Leave)

Name	Qualifications
Noor Aliah Abdul Majid	Tutor (On Study Leave)
Abg Mohd Aizuddin bin Abg Mohd Mohtar	MEng (Acoustical Engineering)(Univeristy of Southampton)
Associate Professor Dr Mohammad Omar Abdullah @ Mak Khoon Ling	PhD (Mechanical & Manufacturing Eng.) (UH) (United Kingdom) M.Eng. (Petroleum Engineering) (UTM) B.Eng. (Hons) (Petroleum & Natural Gas Engineering) (UTM)
Dr Rubiyah Baini	PhD (Chemical Engineering - Drying Technology)(Aus) MSc. (Eng) (Process Safety and Loss Prevention)(UK) BEng (Chemical and Process Engineering)(UKM, Bangi)
Dr. Ivy Tan Ai Wei	PhD (Chemical Engineering) (USM) BEng (1st Class Honours) (Chemical Engineering) (UTM)
Dr Lim Soh Fong	PhD (Chemical Engineering) (National University of Singapore) BEng (1st Class Honours) (Chemical Engineering) (UTM)
Dr Khairuddin Sanaullah	PhD (Chemical Engineering) (University of Birmingham, UK) MSc (Nuclear Engineering) (Quaid-e-Azam University, Islamabad Pakistan) B.Eng (Chemical Engineering) (N.E.D University Karachi, Pakistan)
Shanti Faridah Salleh	Lecturer
Norfamila Che Mat	M.EngSc. (Process Engineering) (UNSW) B.Eng (Material Science Engineering) (Kyushu University)
Nazeri Abdul Rahman	MSc. (Thermal Power and Fluid Engineering)(UMIST,UK) BEng (High Hons) (Petroleum and Natural Gas Engineering) (New Mexico Tech, USA) Cert. (Practical Petroleum Engineering) (Eastern New Mexico, USA) Cert. (Lifelong Learning - Foreign Languages) (Sunderland, UK)
Mohd Farid bin Atan	M.Eng (Diplôme d'Ingénieur) (Chemistry and Process Engineering) (Ecole Supérieure de Chimie Physique et Electronique de Lyon, ESCPE Lyon, FRANCE) B.Eng (Hons) (Chemistry and Process Engineering) (Ecole Supérieure de Chimie Physique et Electronique de Lyon, ESCPE Lyon, FRANCE)

Name	Qualifications
Dr Md Rezaur Rahman	PhD Polymer Engineering (UNIMAS) M.Phil Polymer Engineering (BUET) M Sc (Advance Polymer Technology) (CU) BSc (Hons) (Chemistry) (CU)
Nur Syuhada binti Ahmad Zauzi	B.Eng (Hons) (Polymer Engineering) (UPM)
Ibrahim bin Yakub	BEng (Chemical Engineering) (UPM)
Mohamed Afizal bin Mohamed Amin	BEng (Chemical Engineering) (UMP)
Khairul Anwar bin Mohd Said	BEng (Chemical Engineering) (UMP)

13 FACULTY PERFORMANCE 2011

Faculty of Engineering

Dean's Name: Professor Dr. Wan Hashim bin Wan Ibrahim

Date of Accessing PerformMS: 19 January 2012

1. Commitments

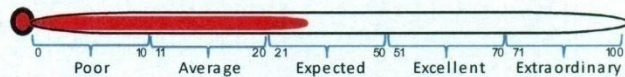
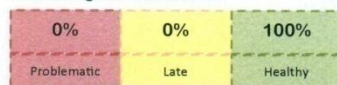
No. of LF approved:

82

No. of LF Completed:

10

Percentage of Execution:

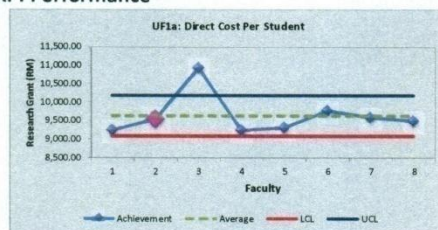


Overall Total LF: 283

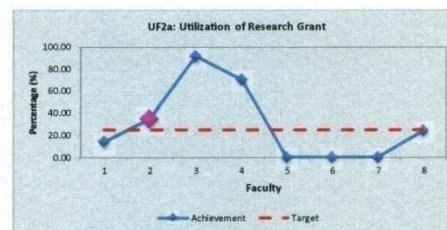
Achievement Level: Expected

Achievement Level: 100% healthy

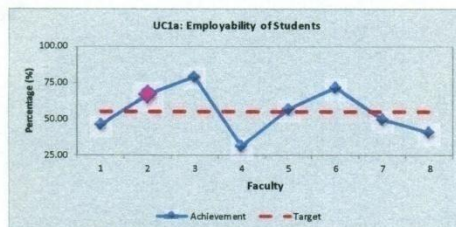
2. KPI Performance



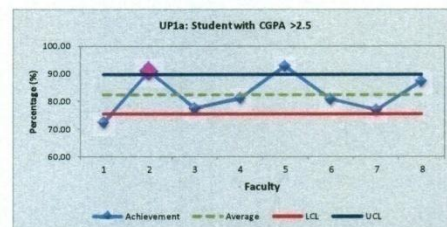
Achievement Level: RM9,532.99



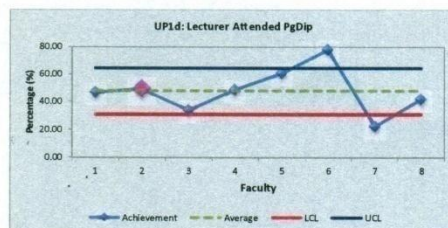
Achievement Level: 34%



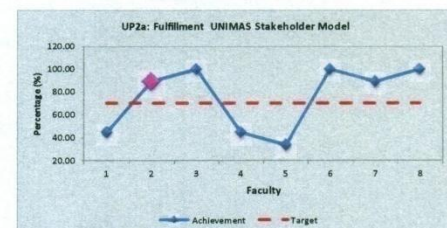
Achievement Level: 67%



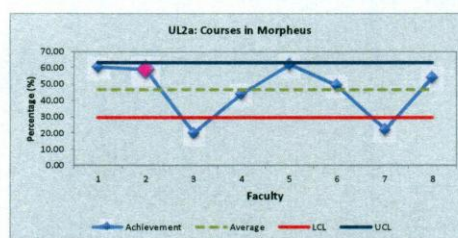
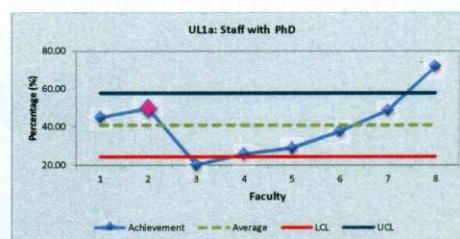
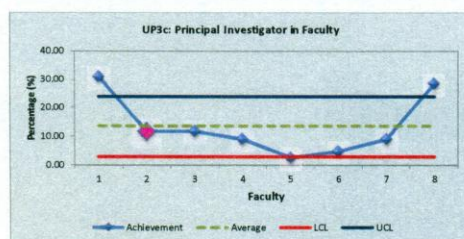
Achievement Level: 91%



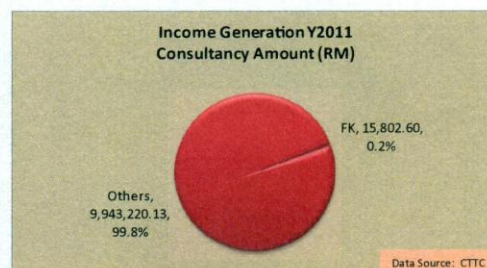
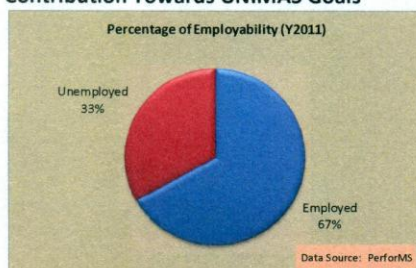
Achievement Level: 49%



Achievement Level: 89%



3. Contribution Towards UNIMAS Goals

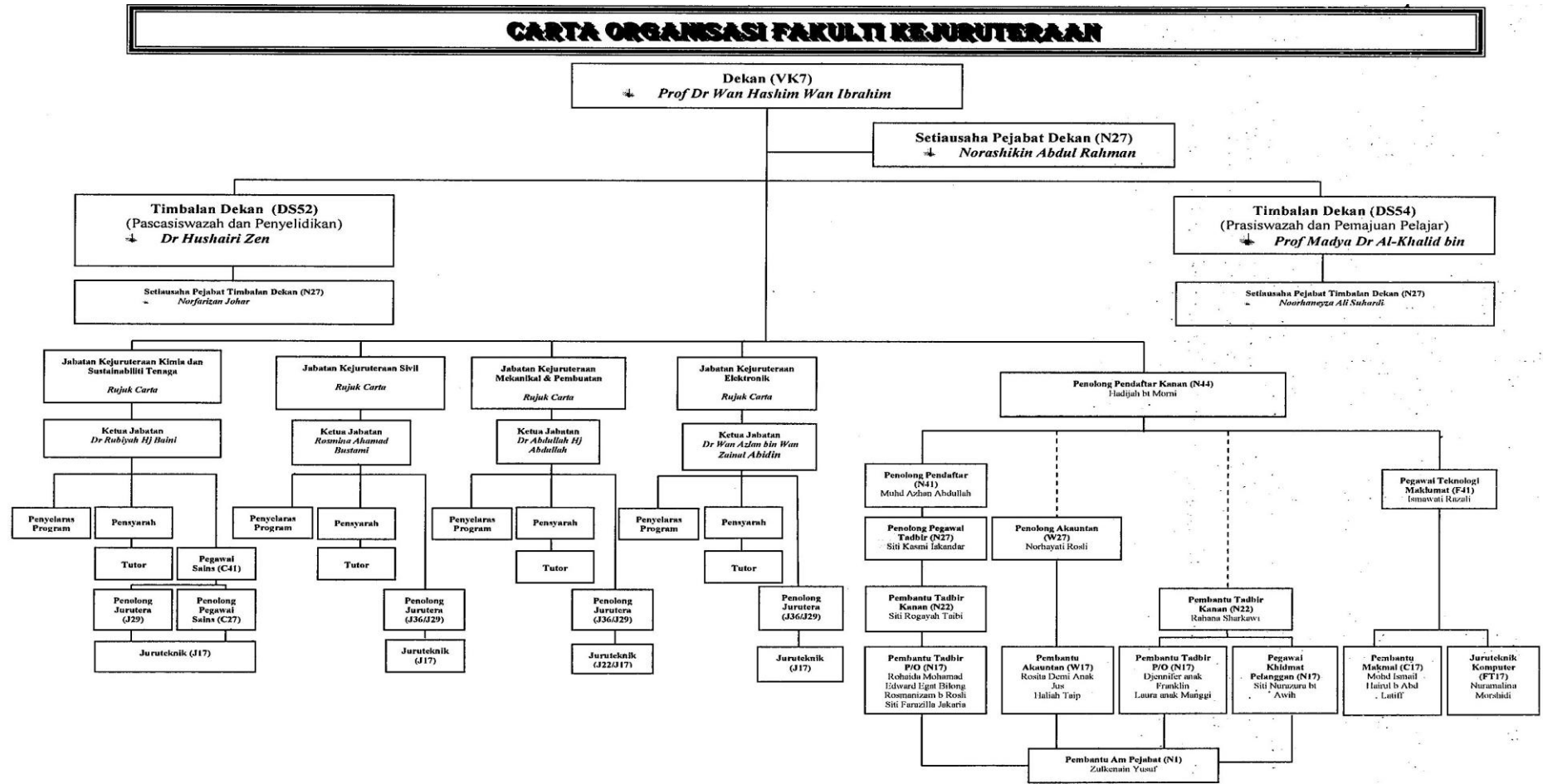


Prof. Datuk Dr. Khairuddin Abdul Hamid

15 February 2012

14 ORGANIZATION CHART

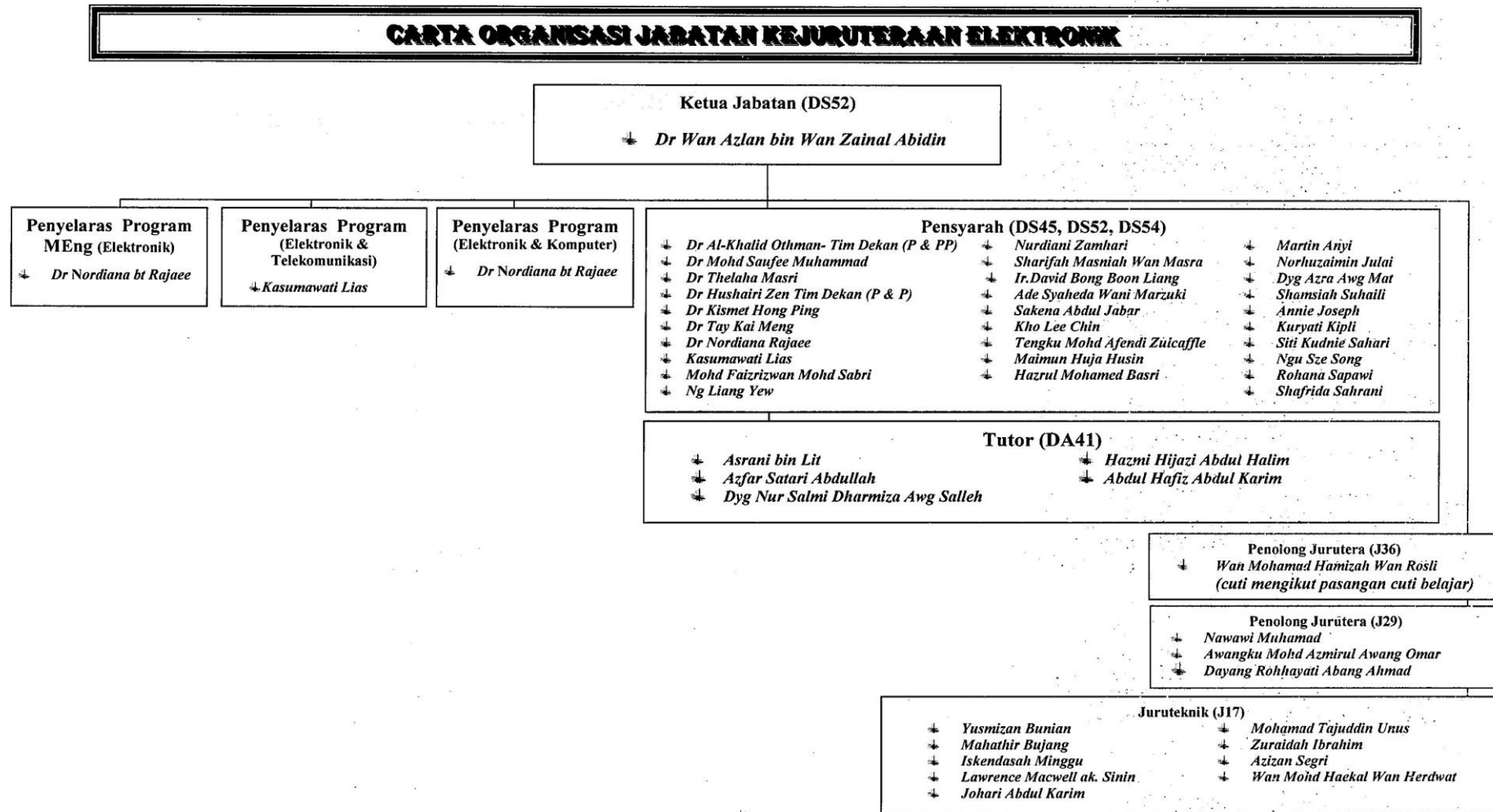
14.1 FACULTY OF ENGINEERING



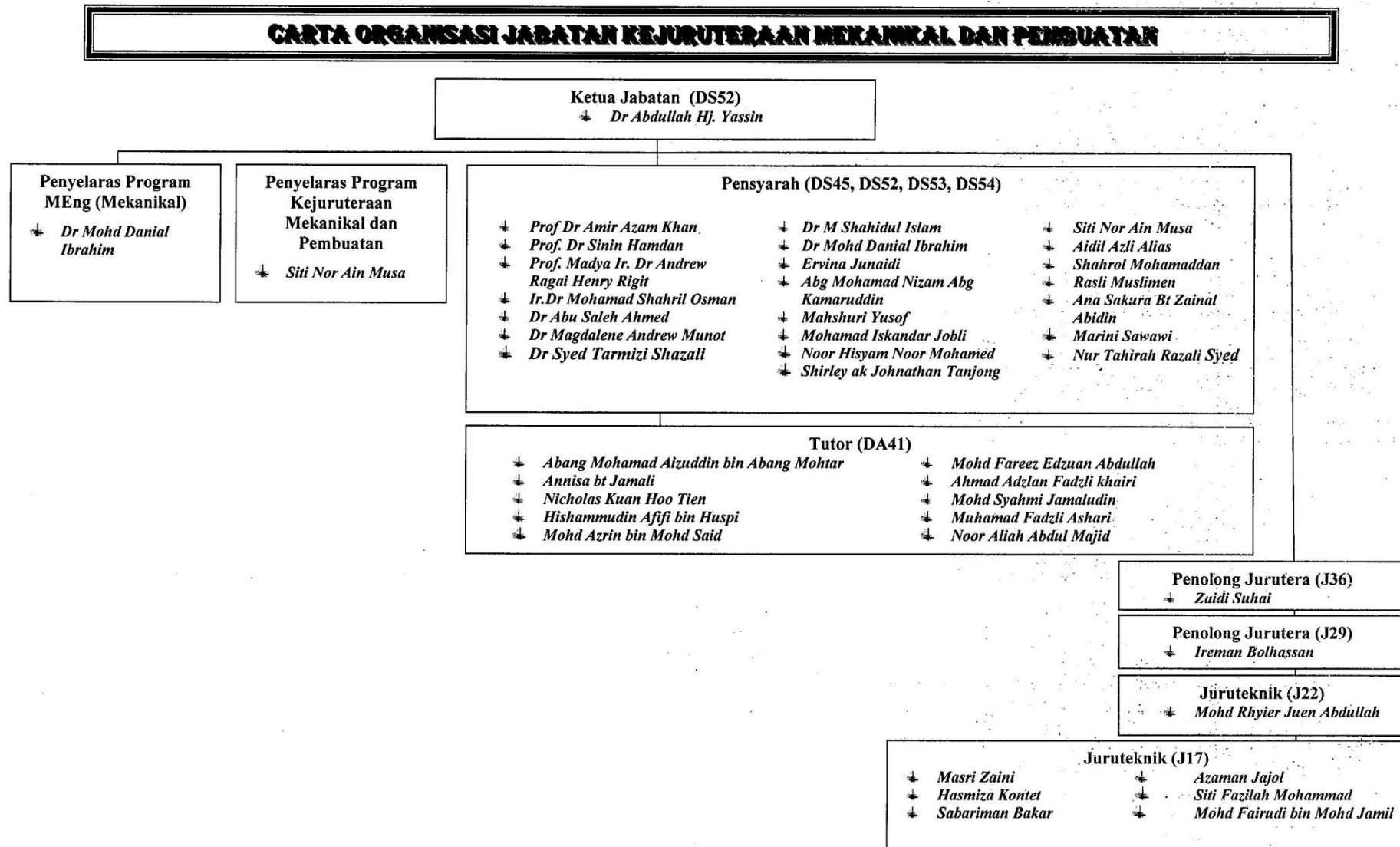
14.2 DEPARTMENT OF CIVIL ENGINEERING



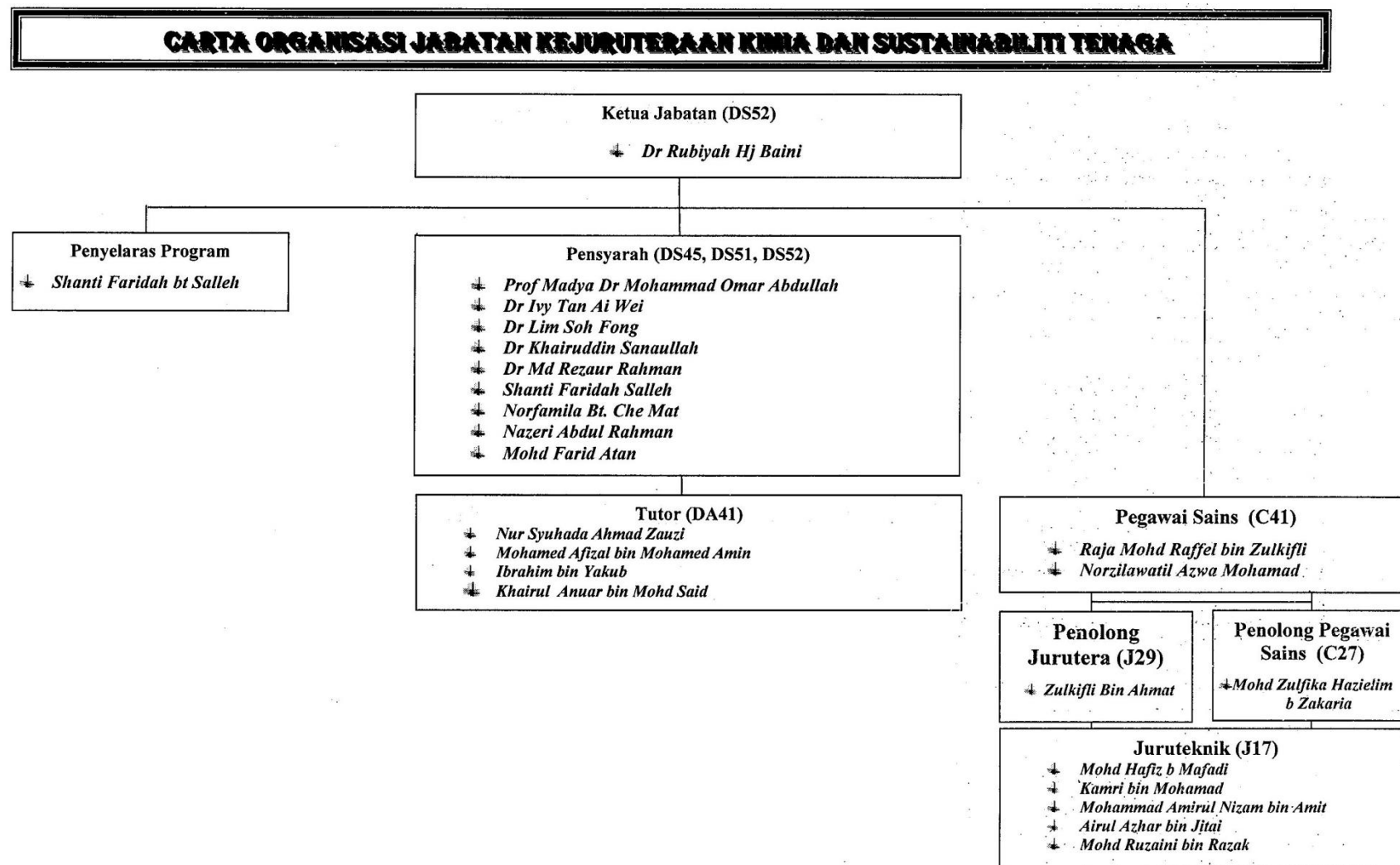
14.3 DEPARTMENT OF ELECTRONIC ENGINEERING



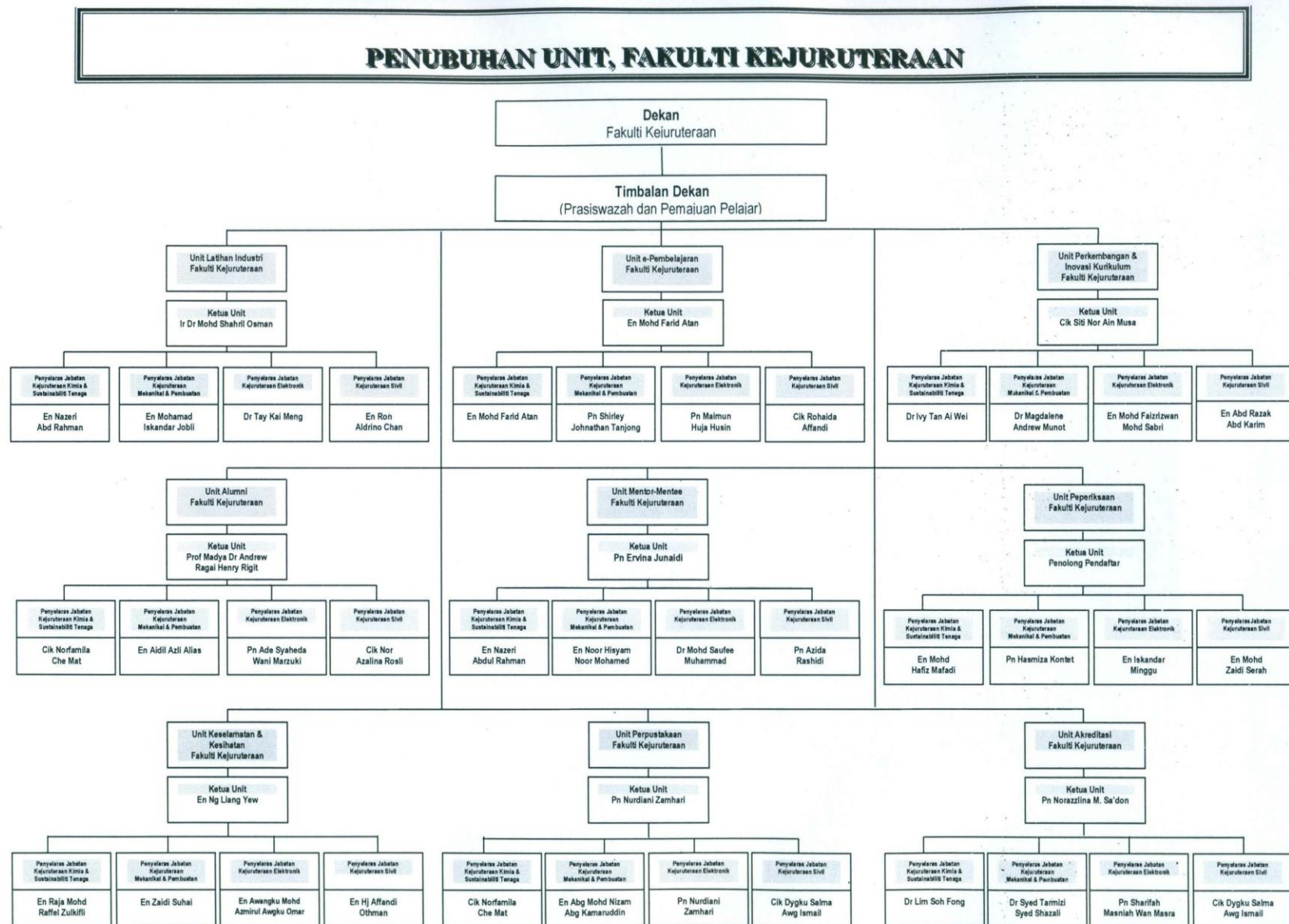
14.4 DEPARTMENT OF MECHANICAL & MANUFACTURING ENGINEERING



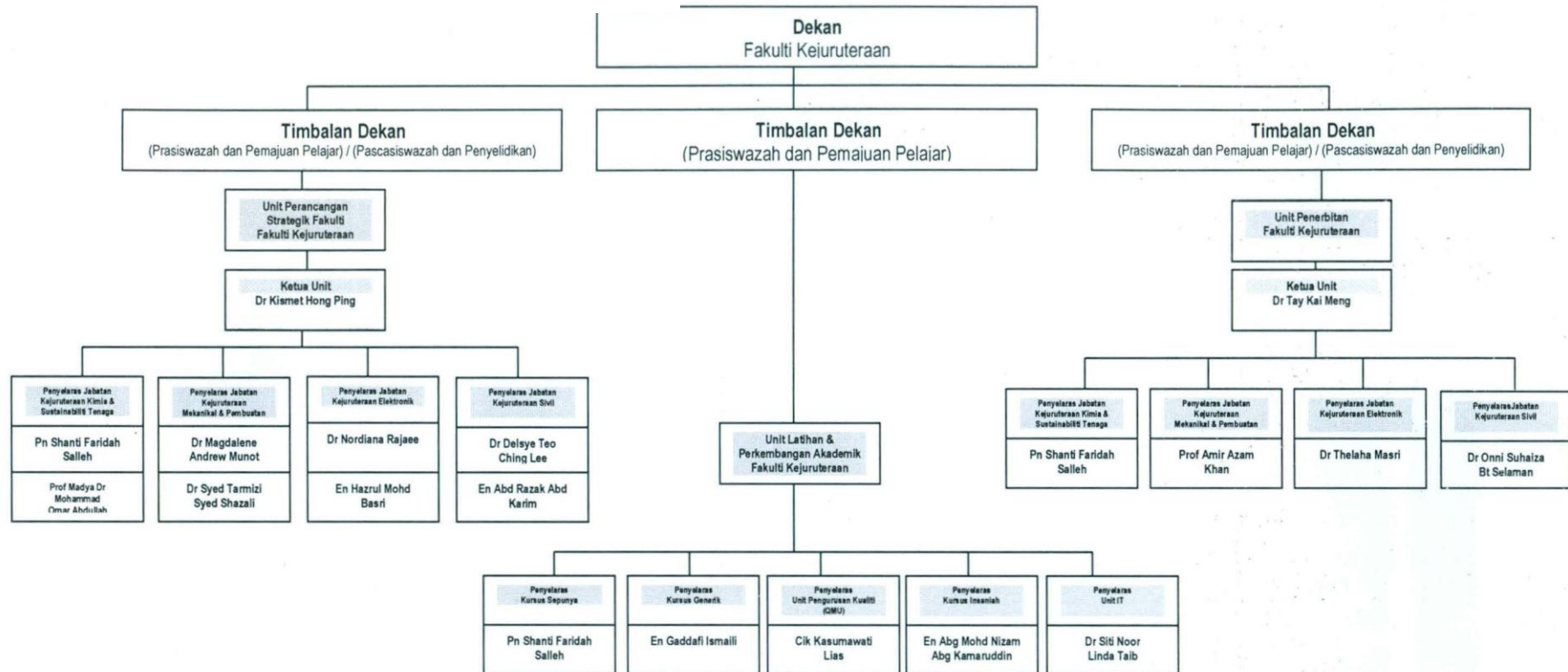
14.5 DEPARTMENT OF CHEMICAL ENGINEERING & ENERGY SUSTAINABILITY



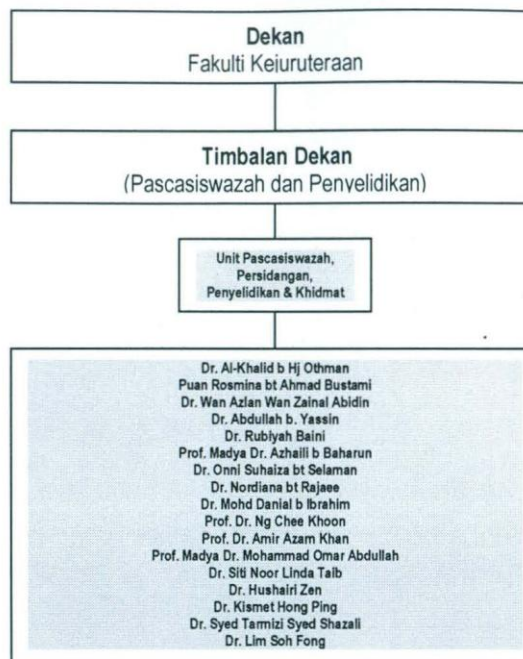
14.6 UNITS ORGANIZATION CHART



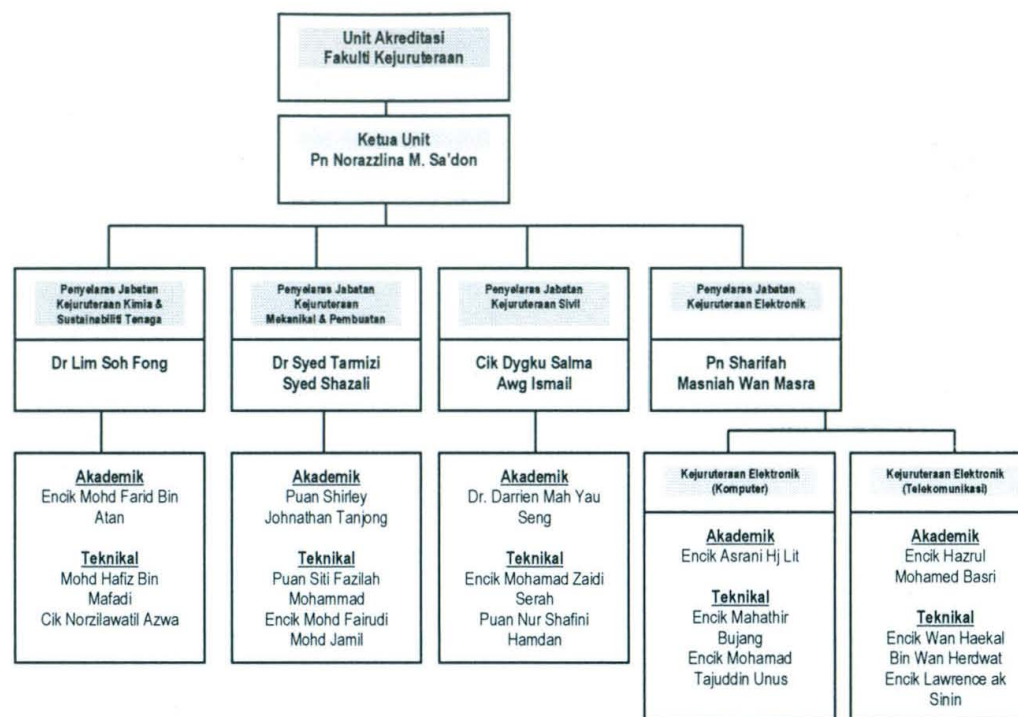
PENUBUHAN UNIT, FAKULTI KEJURUTERAAN



PENUBUHAN UNIT, FAKULTI KEJURUTERAAN



Sub-Unit Akreditasi Jabatan, Fakulti Kejuruteraan



15 FINANCIAL REPORT

Kod Akaun	Butiran	Budget Amaun 2011 (Diluluskan) RM	Budget Tambahan Amaun 2011 (Diluluskan) RM	Pindah Peruntukan (Diluluskan) RM		Jumlah Yang Diagih Oleh Pejabat Bendahari RM	Tanggungan Belum Selesai (RM)		Perbelanjaan RM	Jumlah Perbelanjaan RM	Baki Peruntukan RM	Dibelanja (%)	Baki (%)
				Pindah Masuk (RM)	Pindah Keluar (RM)		Requisition	Pesanan Rasmi					
						1	2	3	4	(5) = (2)+(3)+(4)	(6) = (1 - 5)	7	8
21101	Perjalanan Dalam Negeri - Pengajaran & Pentadbiran	90,000.00	0.00	16,800.00	0.00	106,800.00	0.00	9,080.00	95,931.45	105,011.45	1,788.55	98.33	1.67
21103	Perjalanan Dalam Negeri - Latihan Industri	30,000.00	0.00	0.00	7,800.00	22,200.00	0.00	0.00	22,028.47	22,028.47	171.53	99.23	0.77
24501	Sewa Peralatan	12,500.00	5,000.00	0.00	0.00	17,500.00	0.00	0.00	17,500.00	17,500.00	0.00	100.00	0.00
26799	Bahan Kimia	150,000.00	0.00	0.00	0.00	150,000.00	0.00	28,118.50	38,517.90	66,636.40	83,363.60	44.42	55.58
27101	Suratkhabar & Majalah	3,700.00	0.00	1,000.00	0.00	4,700.00	0.00	0.00	4,314.80	4,314.80	385.20	91.80	8.20
27102	Alatulis & Lain-lain Bekalan Pejabat	78,800.00	0.00	0.00	0.00	78,800.00	0.00	8,455.00	70,345.00	78,800.00	0.00	100.00	0.00
27798	Bekalan Bahan Penyelidikan dan Pengajaran (Inventori)	350,000.00	0.00	0.00	0.00	350,000.00	0.00	153,938.00	192,067.40	346,005.40	3,994.60	98.86	1.14
27799	Bekalan Bahan Penyelidikan dan Pengajaran (Pakai Habis)	600,000.00	0.00	0.00	0.00	600,000.00	0.00	198,319.00	401,681.00	600,000.00	0.00	100.00	0.00
28901	Alat Pengajaran (Penyelenggaraan)	70,000.00	0.00	0.00	0.00	70,000.00	0.00	0.00	64,325.20	64,325.20	5,674.80	91.89	8.11
29107	Latihan Pendek Kakitangan (Bukan Akademik)	5,000.00	0.00	0.00	0.00	5,000.00	0.00	0.00	4,952.80	4,952.80	47.20	99.06	0.94
29116	Latihan Pendek Kakitangan (Akademik)	10,000.00	0.00	0.00	0.00	10,000.00	0.00	2,690.00	7,276.20	9,966.20	33.80	99.66	0.34
29120	Perkhidmatan Pengiklanan/ Promosi	10,000.00	0.00	0.00	0.00	10,000.00	0.00	6,178.00	3,800.00	9,978.00	22.00	99.78	0.22
29302	Syarahen Sambilan	75,000.00	0.00	0.00	0.00	75,000.00	0.00	0.00	63,893.20	63,893.20	11,106.80	85.19	14.81
29411	Keraian Pejabat	20,000.00	0.00	0.00	0.00	20,000.00	0.00	500.00	19,500.00	20,000.00	0.00	100.00	0.00
29415	Cenderahati	1,000.00	0.00	0.00	0.00	1,000.00	0.00	0.00	976.00	976.00	24.00	97.60	2.40
A33000	Alat Pengajaran & Penyelidikan	8,500,000.00	0.00	0.00	0.00	8,500,000.00	299,000.00	6,706,482.00	501,594.00	7,507,076.00	992,924.00	88.32	11.68
Jumlah (RM)		10,006,000.00	5,000.00	17,800.00	7,800.00	10,021,000.00	299,000.00	7,113,760.50	1,508,703.42	8,921,463.92	1,099,536.08	89.03	10.97